

My Covid Timeline

Polio poor sanitation can spread: Lecture 1 Minute mark: 14:20

<https://archive.org/details/1.-vaccine-part-1>

1950s and 1960s SV 40 Cancer?

<https://en.wikipedia.org/wiki/SV40>

1950 SENSITIZATION TO POLYETHYLENE GLYCOLS (CARBOWAXES)

<https://sci-hub.ru/10.1001/archderm.1950.01530100064008>

1955 The Cutter Incident: How America's First Polio Vaccine Led to a Growing Vaccine Crisis
(article Written By Paul Offit)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1383764/pdf/0156.pdf>

<https://www.nejm.org/doi/full/10.1056/NEJMp048180>

1961 The announcement of the discovery of messenger RNA (mRNA) and the cracking of the genetic code took place within weeks of each other in a climax of scientific excitement during the summer of 1961

<https://www.cell.com/action/showPdf?pii=S0960-9822%2815%2900606-5>

1964 February 22nd More Work on Measles Vaccines Inactivated failed to provide long lasting immunity

<https://europepmc.org/backend/ptpmcrender.fcgi?accid=PMC1813637&blobtype=pdf>

1964 VIRUS STRUCTURE REVEALED BY NEGATIVE STAINING (first reference to “spikes” or projections on viruses)

<https://sci-hub.ru/10.1016/S0065-3527%2808%2960698-3>

1966 Changes in Morphology, Infectivity and Haemagglutinating Activity of Semliki Forest Virus Produced by the Treatment with Caseinase C from Streptomyces albus G

<https://typeset.io/pdf/changes-in-morphology-infectivity-and-haemagglutinating-2ujm7hjqb9.pdf>

My lecture on electron microscope problems .><https://archive.org/details/29.-electron-microscope-wrap-up-14-20>

1970 INFLUENCE OF MICROWAVE RADIATION ON THE ORGANISM OF MAN AND ANIMALS

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/Influence%20Of%20Microwave%20Radiation%20On%20The%20Organism%20Of%20Man%20%26%20Animals.pdf>

Symptoms of COVID-19

Updated Mar. 15, 2024 Español Print

People with COVID-19 have reported a wide range of symptoms ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. Anyone can have mild to severe symptoms. Possible symptoms include:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

1971 Zorach Glaser Biological affects radiofrequency radiation

https://ia800103.us.archive.org/16/items/NavyRadiowaveBrief/Navy_Radiowave_Brief.pdf

Swine Flu Vaccine Failure 1976 Vaccine

Lecture One 1 Hr 31 minutes <https://archive.org/details/1.-vaccine-part-1>

1976 Zorach Glaser Clinical Manifestations of microwave and radiofrequency Radiation

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Naval%20MRI%20Glaser%20Report%20-1976.pdf>

1977 Biological effects of millimeter wave radiation

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/CIA-Electronic%20Radiation.pdf>

February 1979 Social Networks, Host Resistance, and Mortality: A Nine-Year Follow-Up Study of Alameda County Residents

<https://galter.northwestern.edu/search/results?engine=pubmed&searchterm=425958#void>

← → ↺ <https://galter.northwestern.edu/search/results?engine=pubmed&searchterm=425958#void> [] ☆

425958

Displaying 1 result, searching for 425958 ✕

1. Social networks, host resistance, and mortality: a nine-year follow-up study of Alameda County residents

Berkman LF, Syme SL
American journal of epidemiology
PMID 425958 [P]

Online Access Pub

Oxford University Press
Available from 1965
ACCESS RESTRICTED
noncommercial use

Abstract:

The relationship between social and community ties and mortality was assessed using the 1965 Human Population Laboratory survey of a random sample of 6928 adults in Alameda County, California and a subsequent nine-year mortality follow-up. The findings show that people who lacked social and community ties were more likely to die in the follow-up period than those with more extensive contacts. The age-adjusted relative risks for those most isolated when compared to those with the most social contacts were 2.3 for men and 2.8 for women. The association between social ties and mortality was found to be independent of self-reported physical health status at the time of the 1965 survey, year of death, socioeconomic status, and health practices such as smoking, alcoholic beverage consumption, obesity, physical activity, and utilization of preventive health services as well as a cumulative index of health practices.

1981 ELECTROMAGNETIC FIELD INTERACTIONS WITH THE HUMAN BODY 1981

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/NASA%20-%20Electromagnetic%20Field%20Interactions%20With%20The%20Human%20Body%20-%20Observed%20Effects%20%26%20Theories%20-1981.pdf>

1982 DTAP Vaccine Clip

<https://www.bitchute.com/video/QWNgMfFW3cG0/>

<https://www.bitchute.com/video/2mvxsEd9q48R/>

July 1982 The association of social relationships and activities with mortality: prospective evidence from the Tecumseh Community Health Study.

<https://academic.oup.com/aje/article-abstract/116/1/123/87255?redirectedFrom=fulltext>

PCR test developed By Kary Mullis 1983

https://en.wikipedia.org/wiki/Polymerase_chain_reaction

He was critical of the notion HIV causes AIDS

Ralph Baric 1982 1984

Recombination between Nonsegmented RNA Genomes of Murine Coronaviruses

<https://journals.asm.org/doi/epdf/10.1128/jvi.56.2.449-456.1985>

The **National Childhood Vaccine Injury Act (NCVIA)** of 1986 (42 U.S.C. §§ 300aa-1 to 300aa-34) was signed into law by United States President [Ronald Reagan](#) as part of a larger health bill on November 14, 1986. NCVIA's purpose was to eliminate the potential financial liability of [vaccine](#) manufacturers due to [vaccine injury](#) claims^[1] to ensure a stable market supply of vaccines, and to provide cost-effective [arbitration](#) for vaccine injury claims

https://en.wikipedia.org/wiki/National_Childhood_Vaccine_Injury_Act

Bill is Sponsored by Henry Waxman:

https://en.wikipedia.org/wiki/Henry_Waxman

Department of Justice Winds up Being your Opponent

Lecture 2 1 hr 21 minutes <https://archive.org/details/2.-vaccine-part-2>

CDC Recommended Childhood Vaccine Schedule: 1986 vs 2019					
1986 ⇒	12 shots 25 antigens 8 diseases		2019 ⇒	54 shots 70 antigens 16 diseases	
DTP (2 Months)	MMR (15 Months)	DTP (4 Years)	Hep B (1 day)	Influenza (7 Months)	Influenza (5 years)
Polio (2 Months)	DTP (18 Months)	Polio (4 Years)	Hep B (1 Month)	MMR (12 Months)	Influenza (6 Years)
DTP (4 Months)	Polio (18 Months)	Td (14 Years)	DTaP (2 Months)	Varicella (12 Months)	Influenza (7 Years)
Polio (4 Months)	Hib (2 Years)		Polio (2 Months)	Hib (12 Months)	Influenza (8 Years)
DTP (6 Months)			Hib (2 Months)	Hep A (12 Months)	Influenza (9 Years)
			PCV 13 (2 Months)	PCV 13 (12 Months)	Influenza (10 Years)
			Rotavirus (2 Months)	DTaP (15 Months)	HPV (11 Years)
			DTaP (4 Months)	Hep A (18 Months)	Meningococcal ACWY (11 Years)
			Polio (4 Months)	Influenza (18 Months)	Tdap (11 Years)
			Hib (4 Months)	Influenza (2 Years)	Influenza (11 Years)
			PCV 13 (4 Months)	Influenza (3 Years)	HPV (11.5 Years)

1986 vs 2019

<https://www.nvic.org/cmstemplates/nvic/pdf/downloads/1983-2017-vaccine-schedules.pdf>

<https://web.archive.org/web/20190112210706/https://www.nvic.org/cmstemplates/nvic/pdf/downloads/1983-2017-vaccine-schedules.pdf>

1988 AAP Article “rare” injuries

<https://publications.aap.org/aapnews/article-abstract/4/9/8/20253/Vaccine-injury-troubles-might-hurt-immunization?redirectedFrom=fulltext>

1988 RADIOFREQUENCY MICROWAVE RADIATION BIOLOGICAL EFFECTS AND SAFETY STANDARDS: A REVIEW

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/5G%20Dangers%20-%20Radio%20Frequency%20-%20Microwave%20Radiation%20Biological%20Effects%20%26%20Safety.pdf>

1989 National Childhood Vaccine Injury Act

<https://www.thefreelibrary.com/The+National+Childhood+Vaccine+Injury+Act%3a+a+chance+for+families.-a07999903>

1990 Journal of Pediatrics

[https://www.jpeds.com/article/S0022-3476\(05\)81594-X/abstract](https://www.jpeds.com/article/S0022-3476(05)81594-X/abstract)

1991 METHOD FOR PRODUCING SOLID LIPID MICROSPHERES HAVING A NARROW SIZE DISTRIBUTION (patent for first lipid nanoparticle by Maria Gasco)

<https://patentimages.storage.googleapis.com/f0/5a/88/7704df71b434ad/US5250236.pdf>

1996 The Telecommunications Act of 1996 - Environmental Health Trust

<https://ehtrust.org/policy/the-telecommunications-act-of-1996/>

1997 Food and Drug Administration Modernization Act (FDAMA) of 1997

<https://web.archive.org/web/20190704003746/https://www.fda.gov/regulatory-information/selected-amendments-fdc-act/food-and-drug-administration-modernization-act-fdama-1997>

December 1998 **Herbicide (Roundup) Pneumonitis**

[https://journal.chestnet.org/article/S0012-3692\(16\)38554-3/abstract](https://journal.chestnet.org/article/S0012-3692(16)38554-3/abstract)

1999 Notice to Readers: Thimerosal in Vaccines: A Joint Statement of the American Academy of Pediatrics and the Public Health Service

<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm4826a3.htm>

<https://childrenshealthdefense.org/wp-content/uploads/foia-cdc-and-fda-private-discussions-regarding-thimerosal-in-vaccines.pdf>

<https://childrenshealthdefense.org/wp-content/uploads/foia-leslie-ball-fda-no-safe-level-of-mercury.pdf>

<https://childrenshealthdefense.org/wp-content/uploads/foia-rumack-mercury-models.pdf>

2000 Solid lipid nanoparticles (SLN) for controlled drug delivery ± a review of the state of the art

<http://kinampark.com/PL/files/Muller%202000%2C%20Solid%20lipid%20nanoparticles%20%28SLN%29%20for%20controlled%20drug%20delivery.pdf>

2001 October 2001 Dark Winter

https://web.archive.org/web/20190819014127/http://www.centerforhealthsecurity.org/our-work/events-archive/2001_dark-winter/Dark%20Winter%20Script.pdf

https://www.centerforhealthsecurity.org/our-work/events-archive/2001_dark-winter/about.html

<https://ia601901.us.archive.org/35/items/gov.gpo.fdsys.CHRG-107shrg79479/CHRG-107shrg79479.pdf>

Key Players [**Operation Dark Winter**](#)

https://littlesis.org/org/370280-Operation_Dark_Winter

November 2001 **Vitamin D levels in women with systemic lupus erythematosus and fibromyalgia.**

<https://www.jrheum.org/content/jrheum/28/11/2535.full.pdf>

April 2002 **Social Ties and Change in Social Ties in Relation to Subsequent Total and Cause-Specific Mortality and Coronary Heart Disease Incidence in Men**

<https://web.archive.org/web/20181030095931/https://academic.oup.com/aje/article-pdf/155/8/700/144142/700.pdf>

April 2002 **METHODS FOR PRODUCING RECOMBINANT CORONAVIRUS (Ralph Baric)**

<https://patentimages.storage.googleapis.com/a8/c0/6a/0584dd67435ef2/US7279327.pdf>

2002 BSE-infected sheep a 'greater risk' to humans

<https://www.theguardian.com/education/2002/jan/09/research.highereducation>

“As many as 150,000 people could die from the human form of mad cow's disease, under a "worst-case" scenario of a BSE-infected sheep epidemic, researchers have predicted

Professor Neil Ferguson, from the Department of Infectious Disease Epidemiology at Imperial College, said: "Our latest analysis shows that the current risk from sheep could be greater than that from cattle, due to the more intensive controls in place to protect human health from exposure to infected cattle, as compared with sheep”

2003 The production and characteristics of solid lipid nanoparticles (SLNs)

<https://www.infona.pl/resource/bwmeta1.element.elsevier-c3abb30e-342f-3d32-b3d9-3ea229446901>

July 2003 The Microwave Syndrome: A Preliminary Study in Spain

<http://media.withtank.com/737bdee4a6.pdf>

Average power density $\mu\text{W}/\text{cm}^2$	0.11 \pm 0.19	0.01 \pm 0.04	< 0.001
Distance to BS	< 150 m 107 \pm 57 m	> 250 m 284 \pm 24 m	< 0.001
	Average value of reported severity	Average value of reported severity	
Fatigue	1.11 \pm 1.13	0.74 \pm 1.07	n.s.
Irritability	1.56 \pm 1.08	1.04 \pm 1.02	< 0.05
Headache	2.17 \pm 0.86	1.53 \pm 1.00	< 0.001
Nausea	0.93 \pm 0.99	0.53 \pm 0.88	< 0.05
Appetite loss	0.96 \pm 1.03	0.55 \pm 0.88	< 0.05
Discomfort	1.41 \pm 1.11	0.87 \pm 0.97	< 0.02
Gait difficulty	0.68 \pm 0.93	0.94 \pm 1.07	n.s.
ASTHENIC symptoms	8.81 \pm 4.79	6.21 \pm 5.33	< 0.02
Sleep disturbance	1.94 \pm 0.92	1.28 \pm 1.10	< 0.01
Depression	1.30 \pm 1.19	0.74 \pm 1.01	< 0.02
Difficulty in concentration	1.56 \pm 1.14	1.00 \pm 1.06	< 0.02
Memory loss	1.41 \pm 1.05	1.04 \pm 1.08	n.s.
Dizziness	1.26 \pm 1.14	0.74 \pm 1.05	< 0.05
DIENCEPHALIC symptoms	7.46 \pm 3.90	4.81 \pm 4.34	< 0.01
Skin alterations	0.72 \pm 0.96	0.45 \pm 0.93	n.s.
Visual dysfunction	1.11 \pm 1.07	0.96 \pm 1.12	n.s.
Auditory dysfunction	1.06 \pm 1.12	0.81 \pm 1.12	n.s.
SENSORIAL symptoms	2.89 \pm 2.72	2.32 \pm 2.45	n.s.
Cardiovascular alterations	7.07 \pm 1.10	0.49 \pm 0.93	n.s.

2003 Project Bioshield

https://en.wikipedia.org/wiki/Project_Bioshield_Act

<https://www.govinfo.gov/content/pkg/PLAW-108publ90/pdf/PLAW-108publ90.pdf>

lecture 1 Hr 19 min 1 hr 27 → <https://archive.org/details/1.-vaccine-part-1>

2004 WHO Guidelines on the Use of Vaccines and Antivirals during Influenza Pandemics

https://apps.who.int/iris/bitstream/handle/10665/70631/WHO_CDS_CSR_RMD_2004.8_eng.pdf?sequence=1

1. Introduction

Influenza pandemics are sudden and unpredictable yet inevitable events. They have caused several global health emergencies during the last century. The first and most severe of these is estimated to have resulted in more than 40-50 million deaths worldwide¹. Experts anticipate that the next pandemic, whenever it happens, will be associated with a high death toll and a high degree of illness requiring hospitalization, thus producing a considerable strain on health care resources. Pandemics are global by their very nature, and few countries are likely to be spared. In developing countries, where health care resources are already strained and the general population is frequently weakened by poor health and nutritional status, the impact is likely to be greatest (Annex 1).

Conditions surrounding the 1997 Hong Kong outbreak of “chicken influenza” highlight the need for advance planning to ensure an adequate response to a health emergency that is certain to be unpredictable, complex, rapidly evolving and accompanied by considerable public alarm. Once a

Graphene is discovered

2004 Graphene first Officially Identified, However, The structure of graphite was identified in 1916[7] by the related method of [powder diffraction](#). [8] It was studied in detail by Kohlschütter and Haenni in 1918, who described the properties of [graphite oxide paper](#). [9] Its structure was determined from single-crystal diffraction in 1924. [10]

The theory of graphene was first explored by [P. R. Wallace](#) in 1947 as a starting point for understanding the electronic properties of 3D graphite

https://en.wikipedia.org/wiki/Discovery_of_graphene

2005 Pandemic Preparedness and Response Act

https://en.wikipedia.org/wiki/Public_Readiness_and_Emergency_Preparedness_Act

<https://www.govinfo.gov/content/pkg/PLAW-109publ148/pdf/PLAW-109publ148.pdf>

Lecture 1 45 minutes → <https://archive.org/details/1.-vaccine-part-1>

Fast Forward 2020 Prep Act

<https://crsreports.congress.gov/product/pdf/LSB/LSB10443>

“Public Readiness and Emergency Preparedness Act (PREP Act) authorizes the

Secretary of Health and Human Services (HHS) to limit legal liability for losses relating to the administration of medical countermeasures such as diagnostics, treatments, and vaccines. In a declaration effective February 4, 2020 (the HHS Declaration), the Secretary of HHS (the Secretary) invoked the PREP Act and declared Coronavirus Disease 2019 (COVID-19) to be a public health emergency warranting liability protections for covered countermeasures”

August 2005, Suppression of RNA Recognition by Toll-like Receptors: The Impact of Nucleoside Modification and the Evolutionary Origin of RNA

[https://web.archive.org/web/20220802173519/https://www.cell.com/immunity/pdf/S1074-7613\(05\)00211-6.pdf](https://web.archive.org/web/20220802173519/https://www.cell.com/immunity/pdf/S1074-7613(05)00211-6.pdf)

2005 Swarming and the Future of Warfare

https://www.rand.org/content/dam/rand/pubs/rgs_dissertations/2005/RAND_RGSD189.pdf

2005 Bird flu pandemic 'could kill 150m'

<https://www.theguardian.com/world/2005/sep/30/birdflu.jamessturcke>

2006 Most of studies that find negative results of DNA damage from cell phone radiation are industry funded

<https://www.jrseco.com/wp-content/uploads/mwn.7-06.RR.pdf>

2006 Microwave Weapons FOIA

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Bioeffects%20Of%20Selected%20Non-Lethal%20Weapons.pdf>

2007 Fate and transport of nanomaterials in drinking water

<https://asu.elsevierpure.com/en/publications/fate-and-transport-of-nanomaterials-in-drinking-water>

February 24th, 2007 PEGylated graphene oxide elicits strong immunological responses despite surface passivation

<https://sci-hub.ru/10.1038/ncomms14537>

2007 Mercury, Lead, and Zinc in Baby Teeth of Children with Autism versus controls (antibiotics inhibit clearance)

<https://sci-hub.ru/10.1080/15287390601172080>

2007 Faith in Quick Test Leads to Epidemic That Wasn't

<https://web.archive.org/web/20111226022430/https://www.nytimes.com/2007/01/22/health/22whoop.html>

2008 Chronic non-thermal exposure of modulated 2450 MHz microwave radiation alters thyroid hormones and behavior of male rats (same as 2.45 GHz)

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Chronic%20Non-Thermal%20Exposure%20of%20Modulated%202450%20MHz%20Microwave%20Radiation%20Alters%20Thyroid%20Hormones%20.pdf>

2008 The Internet of Things: First International Conference, IOT 2008, Zurich, Switzerland, March 26-28, 2008, Proceedings

<https://www.barnesandnoble.com/w/the-internet-of-things-christian-floerkemeier/1111356372>

The term 'Internet of Things' has come to describe a number of technologies and research disciplines that enable the Internet to reach out into the real world of physical objects. Technologies such as RFID, short-range wireless communications, real-time localization, and sensor networks are becoming increasingly common, bringing the 'Internet of Things' into industrial, commercial, and domestic use.

January 30th 2009 Disturbance of the immune system by electromagnetic fields—A potentially underlying cause for cellular damage and tissue repair reduction which could lead to disease and impairment

<https://www.demokracjakulista.pl/umtsno/odpsejm/artJohanssonaEN.pdf>

2009 Definition of Pandemic Changed for Swine Flu by WHO

https://en.wikipedia.org/wiki/2009_swine_flu_pandemic

The number of lab-confirmed deaths reported to the WHO is 18,449^[10] and is widely considered a gross underestimate, (okay but how?)

The 2009 H1N1 flu pandemic is estimated to have actually caused about 284,000 (range from 150,000 to 575,000) excess deaths by the WHO-USCDC study and 148,000–249,000 excess respiratory deaths by the WHO-NIVEL study.^{[21][22]} A study done in September 2010 showed that the risk of serious illness resulting from the 2009 H1N1 flu was no higher than that of the yearly [seasonal flu](#).

The symptoms of H1N1 flu are similar to those of other [influenzas](#), and may include fever, cough (typically a "dry cough"), headache, dizziness, sneezing, [muscle](#) or [joint](#) pain, [sore throat](#), [chills](#), [fatigue](#), and [runny nose](#). [Diarrhea](#), vomiting, and [neurological](#) problems have also been reported in some cases.^{[65][66]} People at higher risk of serious complications include people over 65, children younger than 5, children with [neurodevelopmental conditions](#), pregnant women (especially during the third trimester),^{[27][67]}

Confirmed diagnosis of pandemic H1N1 flu requires testing of a [nasopharyngeal](#), nasal, or [oropharyngeal](#) tissue swab from the patient.^[78] [Real-time RT-PCR](#) is the recommended test as others are unable to differentiate between pandemic H1N1 and regular [seasonal flu](#).^[78]

<https://archive.org/details/4.-pt-1-pcr-long-version>

<https://archive.org/details/5.-pt-2-pcr-long-version>

November 3rd, 2009 2009 H1N1 Influenza School-Located Vaccination (SLV): Information for Planners

<https://www.cdc.gov/h1n1flu/vaccination/slv/planners.htm>

August 2009 Vaccine recommendations

<https://web.archive.org/web/20090805120040/http://www.cdc.gov/h1n1flu/vaccination/acip.htm>

Lecture 2 1 hr 29 min 16 sec <https://archive.org/details/2.-vaccine-part-2> doesn't favor pregnancy

September 2009 One-step real-time RT-PCR for pandemic influenza A virus (H1N1) 2009 matrix gene detection in swine samples

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7119756/pdf/main.pdf>

Diagnostic Testing for 2009 Pandemic Influenza A (H1N1) Virus Infection in Hospitalized Patients

<https://www.nejm.org/doi/full/10.1056/NEJMopv0911052>

2010 Pandemic A(H1N1)2009 influenza virus detection by real time RT-PCR : is viral quantification useful?

<https://www.sciencedirect.com/science/article/pii/S1198743X14632924/pdf>

H1N1 Fauci failure of Vaccine Billions in profits though

Lecture 3, One hour, 44 minutes <https://archive.org/details/3.-vaccine-3>

2010 Standing committee potential dangers of EMF in schools

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/5G%20Dangers%20-%20Standing%20Committee%20On%20Health.pdf>

May 2010 Rockefeller Scenarios for the Future of Technology and International Development (Includes Lockstep Scenario)

https://ia801708.us.archive.org/12/items/lockstep-rockefeller-foundation/Lock%20Step_Rockefeller%20Foundation.pdf

Graphene

2010 targeting tumors

https://web.archive.org/web/20101128124800/http://www.rsc.org/Publishing/ChemScience/Volume/2010/12/targeting_tumours.asp

2011 Imaging and Quantifying the Morphology and Nanoelectrical Properties of Quantum Dot Nanoparticles Interacting with DNA

<https://pubs.acs.org/doi/abs/10.1021/jp107676h>

2011 DNA damage caused by radiation from wireless devices (and studies that show it is safe are usually funded by industry)

<https://www.jrseco.com/eu-reflex-study-shows-dna-damage-caused-by-radiation-from-wireless-devices-and-mobile-phones/>

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/EU%20Reflex%20Study%20Shows%20DNA%20Damage%20Caused%20By%20Radiation%20From%20Wireless%20Devices%20%26%20Mobile%20Phones.pdf>

2012 Guideline of the Austrian Medical Association() for the diagnosis and treatment of EMF-related health problems and illnesses (EMFsyndrome)

<https://www.magdahavas.com/wp-content/uploads/2012/06/Austrian-EMF-Guidelines-2012.pdf>

2012 [Quantum dot binding to DNA: Single-molecule imaging with atomic force microscopy](#)

<https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/epdf/10.1002/biot.201200155>

2012 Relative trends in hospitalization and mortality among infants by number of vaccine doses and age, based on Vaccine Adverse Event Reporting System (VAERS) 1990 -2010 (lecture 2 1 hr 7:38 minutes <https://archive.org/details/2.-vaccine-part-2>) (Does not pull up on google scholar or first page of internet search)

<https://ia800906.us.archive.org/0/items/pubmed-PMC3547435/PMC3547435-0960327112440111.pdf>

April 12th 2012 Immunization with SARS Coronavirus Vaccines Leads to Pulmonary Immunopathology on Challenge with the SARS Virus

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3335060/>

2013 Weissman and Kariko hired by Moderna and BioNTech

<https://www.bu.edu/articles/2021/how-drew-weissman-and-katalin-kariko-developed-mrna-technology-inside-covid-vaccines/>

“And five years after they published their groundbreaking findings, their discovery caught the attention of two biotech newcomers, Moderna of Cambridge, Mass., and Germany’s BioNTech. Both companies eventually licensed Weissman and Karikó’s patents. (Karikó was hired by BioNTech in 2013, and the company would later partner with US pharmaceutical giant Pfizer on vaccine development. The two companies also now support Weissman’s lab.)”

2013 Biomedical Applications of Graphene and Graphene Oxide

<https://pubs.acs.org/doi/10.1021/ar300159f>

2013 Biological Effects from RF Radiation at Low-Intensity Exposure, based on the BioInitiative 2012 Report, and the Implications for Smart Meters and Smart Appliances

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Biological%20Effects%20From%20RF%20Radiation%20%26%20Implications%20For%20Smart%20Meters%20June%2C%202011%202013.pdf>

2013 DHS 10 billion a year don’t know where it goes Lecture 3, 48 minutes

<https://archive.org/details/3.-vaccine-3>

2013 Pfizer corporate Rap sheet

<https://www.corp-research.org/pfizer>

[Ebola](#) outbreak in West Africa in 2014

<https://www.usatoday.com/story/news/nation/2014/10/01/ebola-us-timeline/16541935/>

October 2013 **Vivo Deploys 100G Network Across Amazon**

<https://www.lightreading.com/optical-networking/vivo-deploys-100g-network-across-amazon>

2014, Daszak was [Principal Investigator](#) of a six-year NIH project which was awarded to the [EcoHealth Alliance](#) and which focused on the emergence of novel zoonotic coronaviruses with a bat origin.

October 2014 Exosomes: An emerging factor in stress-induced immunomodulation

<https://www.sciencedirect.com/science/article/abs/pii/S1044532313001565?via%3Dihub>

2014 Bioinitiative summary Danger of EMF

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/5G%20Dangers%20-%20Summary%20For%20The%20Public.pdf>

March 20th 2014 Methods and composition for chimeric coronavirus spike proteins (Ralph Baric University North Carolina Chapel Hill)

<https://patentimages.storage.googleapis.com/84/9b/ba/459d77fa1380a5/WO2015143335A1.pdf>

November 14th 2014 Effects of long-duration wearing of N95 respirator and surgical facemask: a pilot study

<https://medcraveonline.com/JLPRR/JLPRR-01-00021.pdf>

“There is an increase of nasal resistance upon removal of N95 respirator and surgical facemask potentially due to nasal physiological changes. N95 respirator

caused higher post-wearing nasal resistance than surgical facemask with different recovering routine”

2015 Widespread Neuropsychiatric Effects including depression

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/Microwave%20Frequency%20Electromagnetic%20Fields%20%28EMFs%29%20Produce%20Widespread%20Neuropsychiatric%20Effects%20Including%20Depression%20.pdf>

April 30th 2015 Black hemostatic sponge based on facile prepared cross-linked Graphene

<https://sci-hub.ru/10.1016/j.colsurfb.2015.04.067>

Oct 21, 2015 Gilead Provides Update On Investigational Compound, GS-5734, For The Treatment Of Ebola Virus Disease

<https://www.biospace.com/article/releases/gilead-provides-update-on-investigational-compound-gs-5734-for-the-treatment-of-ebola-virus-disease-/>

October 2015 Nucleotide Prodrug GS-5734 Is a Broad-Spectrum Filovirus Inhibitor That Provides Complete Therapeutic Protection Against the Development of Ebola Virus Disease (EVD) in Infected Non-human Primates

March 2016 **Therapeutic efficacy of the small molecule GS-5734 against Ebola virus in rhesus monkeys**

<https://sci-hub.ru/10.1038/nature17180>

2016 EUROPAEM EMF Guideline 2016 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses

<https://www.degruyter.com/document/doi/10.1515/reveh-2016-0011/pdf?licenseType=free>

2016 nanocomposite polyethylene glycol

<https://link.springer.com/article/10.1007/s11705-016-1588-9>

2016 Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity†

<https://pubs.rsc.org/en/content/articlelanding/2016/nr/c5nr09208f>

Nano tubes assemble : 39 Minutes 20 seconds

<https://www.bitchute.com/video/QEFa8NQIeugJ/>

2016 Glutathione Enhancer Protects Some Biochemical and Haematological Parameters from the Effect of Electromagnetic Field

https://web.archive.org/web/20180722015700id_/http://ejrsa.journals.ekb.eg/article_1577_c3558c3f796ae3411019838fd299e388.pdf

April 22nd 2016 **Verizon 5G fixed wireless pilot tracking for 2017**

<https://www.rcrwireless.com/20160422/5g/verizon-tracking-fixed-wireless-5g-pilot-2017-tag17>

October 2016 Cause of Fetal Death: Data From the Fetal Death Report, 2014

<https://stacks.cdc.gov/view/cdc/42413>

September 13th, 2016 Ego, ambition, and turmoil: Inside one of biotech's most secretive startups

<https://www.statnews.com/2016/09/13/moderna-therapeutics-biotech-mrna/>

Stat “In effect, the mRNA would turn cells into tiny drug factories.”

“It’s highly risky. Big pharma tried similar work and abandoned it because it is exceedingly hard to get RNA into cells without triggering nasty side effects.”

2016 December 6th Analysis of Pre-existing IgG and IgM Antibodies against Polyethylene Glycol (PEG) in the General Population

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6512330/pdf/nihms-918893.pdf>

Covid test kits 2017

<https://ia601904.us.archive.org/35/items/2019-nCoV/20200930%20Principia%20Scientific%20Intl%20-%20Proof%20that%20the%20pandemic%20was%20planned%20%26%20with%20purpose%20-%20%5B2017-covid19-testkits.pdf%5D.pdf>

January 24th, 2017 Autoimmune/Inflammatory Syndrome Induced by Adjuvants and Thyroid Autoimmunity

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5256113/pdf/fendo-07-00150.pdf>

January 27th 2017 Biologist wins Supreme Court case proving that the measles virus does not exist

<https://www.sott.net/article/340948-Biologist-wins-Supreme-Court-case-proving-that-the-measles-virus-does-not-exist>

2017 Court Fact From Fiction Article

<https://www.science.org/content/article/vaccines-trial-us-court-separates-fact-fiction>

2017 CBRN defense consortium Lecture 3 - 56 minutes <https://archive.org/details/3.-vaccine-3>

2017 Moncef Silaoui Joins Moderna's Board of Directors

https://en.wikipedia.org/wiki/Moncef_Slaoui

2017 New Quality Control Investigations on Vaccines: Micro and Nano contamination

<https://siksik.org/wp-content/uploads/vaccins/02-2017-Medcrave-Nanocontamination.pdf>

2017 PEGylated graphene oxide elicits strong immunological responses despite surface passivation

<https://www.nature.com/articles/ncomms14537.pdf>

2017 Lipid Nanoparticle Systems for Enabling Gene Therapies

<https://www.cell.com/action/showPdf?pii=S1525-0016%2817%2930111-9>

2017 Broad-spectrum antiviral GS-5734 inhibits both epidemic and zoonotic coronaviruses

<https://scholar.archive.org/work/dzqztfmi3bdjdief2ephgpgqmy/access/wayback/https://cdr.lib.unc.edu/downloads/cz30pz82b>

2017 January 10th Lavishly funded Moderna hits safety problems in bold bid to revolutionize medicine

https://news.yahoo.com/lavishly-funded-moderna-hits-safety-100051803.html?guccounter=1&guce_referrer=aHR0cHM6Ly9kdWNrZHVja2dvLmNvbS8&guce_referrer_sig=AQAAACz4ATjbxgDKa5pqzONfJuOQJwAm9QxdAZtA7b07H2iVYEh535eVXaDx141n4XnINr4kxJ9TEb2gOGmhjvfEQg4dAgq5anfro2GJ6ZWYAvZr25Jy2ZiMHA6CyiSKIryYDCkQrTLyImq6doENR3I9sL1kMcCUD5qxGwSm71xCOF1T

February 17th 2017 Modified mRNA Vaccines Protect against Zika Virus Infection

<https://www.cell.com/action/showPdf?pii=S0092-8674%2817%2930195-2>

February 22nd 2017 **Verizon to deliver 5G service to pilot customers in 11 markets across U.S. by Mid 2017**

<https://www.prnewswire.com/news-releases/verizon-to-deliver-5g-service-to-pilot-customers-in-11-markets-across-us-by-mid-2017-300411298.html>

2017 June 28th Top investor slashes Moderna's valuation as company struggles to live up to its own hype

<https://www.statnews.com/2017/06/28/moderna-writedown/>

July 27th 2017 Key partner cuts ties with brash biotech startup Moderna, raising big questions about its pipeline

<https://www.statnews.com/2017/07/27/moderna-alexion-partnership/>

September 2017 Toxicity of Nanoparticles on the Reproductive System in Animal Models: A Review

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5591883/>

SPARS PANDEMIC SCENARIO 2025-2028

“Multidisciplinary team from the Johns Hopkins Center for Health Security developed, from 2015-17, a fictional narrative scenario, The SPARS Pandemic 2025-2028: A Futuristic Scenario for Public Health Risk Communicator”

<https://dn720001.ca.archive.org/0/items/TheSparsPandemic/spars-pandemic-scenario-copy.pdf>

2018 Effects of Graphene Oxide Nanoparticles on the Immune System Biomarkers Produced by RAW 264.7 and Human Whole Blood Cell Cultures

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5853756/pdf/nanomaterials-08-00125.pdf>

March 27, 2018 Here's the slide deck Moderna uses to defend its \$7.5 billion valuation

<https://www.statnews.com/2018/03/27/moderna-slide-deck/>

lecture 3 1 hour 20 minutes <https://archive.org/details/3.-vaccine-3> modernatx.com

2018 Wifi an important threat to human health

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Wi-Fi%20Is%20An%20Important%20Threat%20To%20Human%20Health%20%7C%20Elsevier%20Enhanced%20Reader.pdf>

2018 Cell phone radiation increased DNA damage in rats

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Evaluation%20Of%20The%20Genotoxicity%20of%20Cell%20Phone%20Radiofrequency%20Radiation%20In%20Male%20%26%20Female%20Rats.pdf>

2018 Electromagnetic radiation 2450 MHz exposure causes cognition deficit with mitochondrial dysfunction and activation of intrinsic pathway of apoptosis in rats

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/Electromagnetic%20Radiation%202450%20MHz%20Exposure%20Causes%20Cognition%20Deficit%20With%20Mitochondrial%20Dysfunction%20.pdf>

2018 Disturbance in haematological parameters induced by exposure to electromagnetic fields

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/Disturbance%20In%20Haematological%20ParametersInduced%20By%20Exposure%20To%20Electromagnetic%20Fields.pdf>

July 24th 2018 Vitamin A Deficiency and the Lung

<https://www.mdpi.com/2072-6643/10/9/1132/pdf?version=1535012349>

July 2018 Hypersensitivity reactions to therapeutic monoclonal antibodies: Phenotypes and endotypes

<https://www.jacionline.org/action/showPdf?pii=S0091-6749%2818%2930306-3>

September 5th 2018 **San Marino will have Europe's first 5G network**

<https://www.techradar.com/news/san-marino-will-have-europes-first-5g-network>

10 September 2018 Extremely efficient terahertz high-harmonic generation in graphene by hot Dirac fermions

<https://sci-hub.ru/10.1038/s41586-018-0508-1>

2018 Electrical tunability of terahertz nonlinearity in graphene

<https://www.science.org/doi/epdf/10.1126/sciadv.abf9809>

September 11th, 2018 Here's how graphene could make future electronics superfast

<https://www.sciencenews.org/article/how-graphene-could-make-future-electronics-superfast>

“Graphene just added another badge to its supermaterial sash.

New experiments show that this single layer of carbon atoms [can transform electronic signals](#) at gigahertz frequencies into higher-frequency terahertz signals — which can shuttle up to 1,000 times as much information per second.”

Vaccine Excipient table

<https://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/b/excipient-table-2.pdf>

12/10/18 BRITAIN’S FIRST 5G COURT CASE AND THE PEOPLE WON

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/Britain%E2%80%99s%20First%205G%20Court%20Case%20and%20The%20People%20Won%20-%20Smombie%20Gate%20%7C%205G%20%7C%20EMF.pdf>

2018 Havanna Syndrome

https://ia601907.us.archive.org/34/items/cuba-nosebleeds-diplomats-mystery-illness/Cuba_nosebleeds_diplomats_mystery_illness_.pdf

Jack Kruse Youtube Video 5G problems

<https://www.youtube.com/watch?v=1xfHynNfyZk>

2018 Bill Gates Atlantic Article Warns US is not ready for next Pandemic

<https://www.theatlantic.com/magazine/archive/2018/07/when-the-next-plague-hits/561734/>

January 2018, Kadlec testified to the U.S. Congress that the US was dangerously unprepared for a pandemic.

<https://www.afr.com/world/north-america/inside-operation-warp-speed-s-26b-sprint-for-a-vaccine-20201103-p56b26>

August 2018 United States Dangerously Unprepared for the next pandemic

<https://www.vice.com/en/article/zmk7xj/the-united-states-is-dangerously-unprepared-for-the-next-pandemic>

August 14th 2018 Correlation between Non-Polio Acute Flaccid Paralysis Rates with Pulse Polio Frequency in India

<https://www.mdpi.com/1660-4601/15/8/1755/pdf?version=1534328727>

August 30th, 2018 Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles

<https://sci-hub.ru/10.1080/15548627.2018.1509171>

February 4th, 2019 **International Appeal: Stop 5G on Earth and in Space**

<https://www.transcend.org/tms/2019/02/international-appeal-stop-5g-on-earth-and-in-space/>

February 2019 Senator “Blumenthal” Questions panel about safety of 5G

<https://www.youtube.com/watch?v=hcR2zGySJ14>

2019 No Reason to Believe 5G is Safe

<https://ia902902.us.archive.org/30/items/coroavirus04072020facebook/5G%20Dangers/We%20Have%20No%20Reason%20to%20Believe%205G%20Is%20Safe%20-%20Scientific%20American%20Blog%20Network.pdf>

2019 Influenza Vaccine for all pregnant women? So far less biased evidence does not favor it

<https://www.tandfonline.com/doi/pdf/10.1080/21645515.2019.1568161?needAccess=true>

<https://www.youtube.com/watch?v=FYErUa9hW38>

June 27th 2019 Untargeted metabolomics unveil alterations of biomembranes permeability in human HaCat keratinocytes upon 60 GHz millimeter-wave exposure

<https://www.nature.com/articles/s41598-019-45662-6.pdf>

Kary Mullis, Inventor of PCR dies August 7, 2019, 74 years old

https://en.wikipedia.org/wiki/Kary_Mullis

<https://www.latimes.com/obituaries/story/2019-08-13/kary-mullis-dna-nobel-prize>

October 15th 2019 Live Simulation Exercise to Prepare Public and Private Leaders for Pandemic Response

<https://www.weforum.org/press/2019/10/live-simulation-exercise-to-prepare-public-and-private-leaders-for-pandemic-response/>

October 18th 2019

<https://archive.org/details/og-event201>

October 2019 War Games for Coronavirus Outbreak John's Hopkins "Event 201"

<http://www.centerforhealthsecurity.org/event201/scenario.html>

October 31st 2019 Central China province launches commercial 5G application

https://web.archive.org/web/20191031131033/http://www.xinhuanet.com/english/2019-10/31/c_138517734.htm

October 2019 (Retroactively) Timeline of SARS-CoV-2 Spread in Italy: Results from an Independent Serological Retesting

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8778320/pdf/viruses-14-00061.pdf>

“ The oldest samples found positive for IgM by both laboratories were collected on 10 October 2019 (Lombardy), 11 November 2019 (Lombardy) and 5 February 2020 (Lazio), the latter with neutralizing antibodies.”

October 15th 2019 Live Simulation Exercise to Prepare Public and Private Leaders for Pandemic Response (Event 201)

<https://www.weforum.org/press/2019/10/live-simulation-exercise-to-prepare-public-and-private-leaders-for-pandemic-response/>

October 18th 2019

<https://archive.org/details/og-event201>

November 19th, 2019 European Commission roadmap on vaccination

<https://www.europeanfiles.eu/health/european-commission-roadmap-on-vaccination>

https://health.ec.europa.eu/document/download/0f3d8ec0-82f3-41c9-b76b-aa7478f796d3_en

December 2019, Quantum Vaccine History

<https://www.genengnews.com/news/quantum-dots-deliver-vaccines-and-invisibly-encode-vaccination-history-in-skin/>

Robert Langer

https://en.wikipedia.org/wiki/Robert_S._Langer

December 12th 2019 A Randomized, Controlled Trial of Ebola Virus Disease Therapeutics

<https://sci-hub.ru/10.1056/NEJMoa1910993>

“ All patients received standard care and were randomly assigned in a 1:1:1:1 ratio to intravenous administration of the triple monoclonal antibody ZMapp (the control group), the antiviral agent remdesivir, the single monoclonal antibody MAb114, or the triple monoclonal antibody REGN-EB3. The REGN-EB3 group was added in a later version of the protocol, so data from these patients were compared with those

of patients in the ZMapp group who were enrolled at or after the time the REGN-EB3 group was added (the ZMapp subgroup). The primary end point was death at 28 days”

“ 681 patients were enrolled from November 20, 2018, to August 9, 2019, at which time the data and safety monitoring board recommended that patients be assigned only to the MAb114 and REGN-EB3 groups for the remainder of the trial; the recommendation was based on the results of an interim analysis that showed superiority of these groups to ZMapp and remdesivir with respect to mortality. At 28 days, death had occurred in 61 of 174 patients (35.1%) in the MAb114 group, as compared with 84 of 169 (49.7%) in the ZMapp group ($P=0.007$), and in 52 of 155 (33.5%) in the REGN-EB3 group, as compared with 79 of 154 (51.3%) in the ZMapp subgroup ($P=0.002$)”

August 9, 2019, when 681 patients had been enrolled, the data and safety monitoring board conducted an interim analysis on data from 499 patients and, on the basis of two observations, recommended terminating random assignment to ZMapp and remdesivir S3). Second, an analysis of mortality showed that there was a clear separation between the MAb114 and REGN-EB3 groups and the ZMapp and remdesivir groups (Fig. S4)”

December 19th 2019 Storing medical information below the skin’s surface

<https://news.mit.edu/2019/storing-vaccine-history-skin-1218>

January 2020 Comparing pre and post 5G networks

<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9016183>

Generation of technology	Frequency
1G	800 MHz
2G 2.5G	850/900/1800/ 1900 MHz
3G	800/850/900/ 1800/1900/ 2100 MHz
3.5G	1.8 GHz/2.6 GHz
3.75G	3.5 GHz/5.8 GHz
4G	1.8 GHz/2.6 GHz
WIMAX	2.3 GHz, 2.5 GHz and 3.5 GHz
5G	600 MHz to 6 GHz and 24-86 GHz
Wi-Fi	2.4/5 GHz
Bluetooth versions 1-5)	5 GHz

Positioning System (GPS), Wi-Fi and Bluetooth frequency range.

Wuhan Blues Clip- What People were seeing of China

<https://dn720302.ca.archive.org/0/items/wuhan-blues/Wuhan%20Blues.mp4>

January 13th 2020 **Midazolam: an essential palliative care drug**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7065504/pdf/10.1177_2632352419895527.pdf

January 18th 2020 WHO Does Not Rule Out Human to Human Spread of New Coronavirus

https://www.voanews.com/a/science-health_who-does-not-rule-out-human-human-spread-new-coronavirus/6182792.html

January 20th, 2020 First “Confirmed” case of Covid 19

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7092802/pdf/NEJMoa2001191.pdf>

January 21st 2020 Corman Drosten Paper “ Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR”

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6988269/pdf/eurosurv-25-3-5.pdf>

PCR diagnosis

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/926410/Understanding_Cycle_Threshold_Ct_in_SARS-CoV-2_RT-PCR_.pdf

-”low Ct indicates a high concentration of viral genetic material, which is typically associated with high risk of infectivity.

A high Ct indicates a low concentration of viral genetic material which is typically associated with a lower risk of infectivity. In the context of an upper respiratory tract sample a high Ct may also represent scenarios where a higher risk of infection remains – for example, early infection, inadequately collected or degraded sample.

A single Ct value in the absence of clinical context cannot be relied upon for decision making about a person’s infectivity.

Ct values cannot be directly compared between assays of different types – not all laboratories use the same assay, and some may use more than one”

November 20, 2020 “External peer review of the RTPCR test to detect SARS-CoV-2 reveals 10 major scientific” flaws at the molecular and methodological level: consequences for false positive results

https://www.researchgate.net/profile/Rainer-Klement/publication/346483715_External_peer_review_of_the_RTPCR_test_to_detect_SARS-CoV-2_reveals_10_major_scientific_flaws_at_the_molecular_and_methodological_level_consequences_for_false_positive_results/links/5fc4922e458515b79789bedd/External-peer-review-of-the-RTPCR-test-to-detect-SARS-CoV-2-reveals-10-major-scientific-flaws-at-the-molecular-and-methodological-level-consequences-for-false-positive-results.pdf?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6Il9kaXJlY3QiLCJwYWdlIjoicHVibGljYXRpb24ifX0

January 25th 2020 Adverse health effects of 5G mobile networking technology under real-life conditions

https://www.immunapsis.fr/wp-content/uploads/2022/11/KOSTOFF_HEROUX_2020_Adverse-Health-Effects_of_5G_under_real-life_Conditions.pdf

January 28th, 2020 Harvard University (Charles Lieber) Professor and Two Chinese Nationals Charged in Three Separate China Related Cases

<https://www.justice.gov/opa/pr/harvard-university-professor-and-two-chinese-nationals-charged-three-separate-china-related>

Arthur Firstenberg's Invisible Rainbow is published February 2020

<https://archive.org/details/the-invisible-rainbow/page/n1/mode/2up>

pg 364: "On April 24, 2019, the American health insurance company Blue Cross Blue Shield released a report titled "The Health of Millennials." It showed not only that the health of this generation takes a sharp decline beginning at age 27, but also that the prevalence of many medical conditions had risen precipitously among millennials in just three years"

pg 373: "And in 2019, an International Appeal to Stop 5G on Earth and in Space has gathered the signatures of thousands of organizations and hundreds of thousands of individuals from two hundred and two countries and territories. Scientists, doctors, engineers, nurses, psychologists, architects, builders, veterinarians, beekeepers, and other individuals from almost every nation have signed this appeal, and preparations are underway to deliver it to all of the world's governments."

February 2020 Dynamic changes in cytoskeleton proteins of olfactory ensheathing cells induced by radiofrequency electromagnetic fields (this governs since of smell)

https://cob.silverchair-cdn.com/cob/content_public/journal/jeb/223/5/10.1242_jeb.217190/3/jeb217190.pdf?Expires=1715176762&Signature=rZ3c8M~onc-IaE4P8hUjtM~JJvwbYPM000IHhbnSID14dYtQjiR5MXWyRCr~lUFzLdy~8RL~JsIs9zWcivzjl dscZm8m5M5THweMv1hfU58za-xq5HHn92TY~1bwLtvot~dWi6XLdpjTC2HVSox512lgPAV7xBb4TzR5yyWbsZZyxihUfP1kmJzPEmBD4k2tjaiZ5NX0EIzGL-wr~Zzi0ZBDEVEDSu~OFaC1o1oE7MFAMO1Z89Uva44kZlwxYLFALbIOkiH7FIx-

[9mj9VZb~dVVKd-HvvTLVfMUBiCFD1rvQxhhU9G8SYauOHj3zZKtmUQyksg6gE~6NhV-U0ru7Q_&Key-Pair-Id=APKAIE5G5CRDK6RD3PGA](https://www.youtube.com/watch?v=9mj9VZb~dVVKd-HvvTLVfMUBiCFD1rvQxhhU9G8SYauOHj3zZKtmUQyksg6gE~6NhV-U0ru7Q_&Key-Pair-Id=APKAIE5G5CRDK6RD3PGA)

February 2020 Tom Cowan Video Surfaces Questioning Virus Narrative in General (YouTube Link was reuploaded in 2021)

<https://archive.org/download/dr-thomas-cowan-exposing-the-truth-about-coronavirus-2020/Dr%20%20Thomas%20Cowan%20EXPOSING%20THE%20TRUTH%20ABOUT%20CORONAVIRUS%202020.mp4>

February 4th, 2020 2/4/2020 CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel

<https://web.archive.org/web/20200205171727/https://www.fda.gov/media/134922/download>

Table 4. Limit of Detection Confirmation of the CDC 2019-nCoV Real-Time RT-PCR Diagnostic Panel with QIAGEN EZ1 DSP

Targets	2019-nCoV_N1			2019-nCoV_N2			2019-nCoV_N3		
RNA Concentration ¹	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}
Positives/Total	20/20	19/20	13/20	20/20	17/20	9/20	19/20	17/20	8/20
Mean Ct ²	32.5	35.4	NA	35.8	NA	NA	33.2	NA	NA
Standard Deviation (Ct)	0.5	0.8	NA	1.3	NA	NA	0.9	NA	NA

¹ Concentration is presented in RNA copies/μL

² Mean Ct reported for dilutions that are ≥ 95% positive. Calculations only include positive results.
NA not applicable

Table 5. Limit of Detection Confirmation CDC 2019-nCoV Real-Time RT-PCR Diagnostic Panel with QIAGEN QIAmp DSP Viral RNA Mini Kit

Targets	2019-nCoV_N1			2019-nCoV_N2				2019-nCoV_N3		
RNA Concentration ¹	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}	10 ^{-1.0}	10 ^{0.5}	10 ^{0.0}	10 ^{-0.5}
Positives/Total	20/20	20/20	6/20	20/20	20/20	20/20	8/20	20/20	20/20	5/20
Mean Ct ²	32.0	32.8	NA	33.0	35.4	36.2	NA	32.4	32.7	NA
Standard Deviation (Ct)	0.7	0.8	NA	1.4	0.9	1.9	NA	0.7	0.8	NA

¹ Concentration is presented in RNA copies/μL

² Mean Ct reported for dilutions that are ≥ 95% positive. Calculations only include positive results.
NA not applicable

30 cycles = 80% False Positive (won't culture) 35 cycles = 97% False Positive (won't culture)

So every single test close to 90% false positive or more based on their own narrative

February 25, 2020 NIH Clinical Trial of Remdesivir to Treat COVID-19 Begins

<https://medicalxpress.com/news/2020-02-nih-clinical-trial-remdesivir-covid-.pdf>

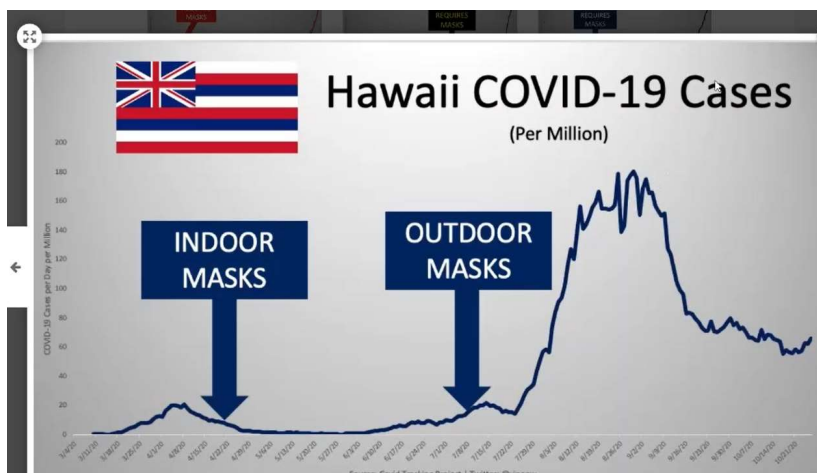
March 4 2020 Facebook doubles down on removing coronavirus conspiracy theories

<https://www.vox.com/recode/2020/1/31/21115589/coronavirus-wuhan-china-myths-hoaxes-facebook-social-media-tiktok-twitter-wechat>

March 11th, 2020 WHO Declares Covid 19 a Global Pandemic

<https://www.who.int/director-general/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---11-march-2020>

Masks:



May 4th 2021 Nanoplastics and other harmful pollutants found within disposable face masks

<https://medicalxpress.com/news/2021-05-nanoplastics-pollutants-disposable-masks.html>

March 2015 A cluster randomised trial of cloth masks compared with medical masks in healthcare workers

https://web.archive.org/web/20200406130156mp_/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4420971/pdf/bmjopen-2014-006577.pdf

“analysis by mask use showed ILI (RR=6.64, 95% CI 1.45 to 28.65) and laboratory-confirmed virus (RR=1.72, 95% CI 1.01 to 2.94) were significantly higher in the cloth masks group compared with the medical masks group. Penetration of cloth masks by particles was almost 97% and medical masks 44%”

<https://swprs.org/face-masks-evidence/>

May 16th, 2020 Efficacy of face mask in preventing respiratory virus transmission: A systematic review and meta-analysis

<https://web.archive.org/web/20201101031709/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7253999/pdf/main.pdf>

https://archive.is/20201205224307/https://twitter.com/deb_cohen/status/1282244773030633473#selection-4233.0-4270.1

March 12th 2020 **Top Biologist: Corona Virus is ‘one of biggest frauds in history’**

<https://web.archive.org/web/20200317162929/https://principia-scientific.org/top-biologist-corona-virus-is-one-of-biggest-frauds-in-history/>

March 13th 2020 Potential false-positive rate among the 'asymptomatic infected individuals' in close contact with COVID-19 patients

<https://free2shine.net/downloads/ZhuangChina-FalsePositives.pdf>

March 13th, 2020 **Researchers fast-track coronavirus vaccine by skipping key animal testing first**

<https://www.livescience.com/coronavirus-vaccine-trial-no-animal-testing.html>

March 13th, 2020 **Proclamation on Declaring a National Emergency Concerning the Novel Coronavirus Disease (COVID-19) Outbreak**

<https://trumpwhitehouse.archives.gov/presidential-actions/proclamation-declaring-national-emergency-concerning-novel-coronavirus-disease-covid-19-outbreak/>

[March 13, 2020](#) Ralph Baric: On the Front Lines of Coronavirus for Three Decades

<https://alumni.unc.edu/news/ralph-baric-on-the-front-lines-of-coronavirus-for-three-decades/>

March 16th 2020 Moderna Timeline to Vaccine

<https://web.archive.org/web/20200316231402/https://www.modernatx.com/modernas-work-potential-vaccine-against-covid-19>

March 16th 2020 NIH clinical trial of investigational vaccine for COVID-19 begins

<https://www.nih.gov/news-events/news-releases/nih-clinical-trial-investigational-vaccine-covid-19-begins>

“Phase 1 clinical trial evaluating an investigational vaccine designed to protect against coronavirus disease 2019 (COVID-19) has begun at Kaiser Permanente Washington Health Research Institute (KPWHRI) in Seattle.”

“The open-label trial will enroll 45 healthy adult volunteers ages 18 to 55 years over approximately 6 weeks. The first participant received the investigational vaccine today.”

March 16th, 2020 Exclusive: Coronavirus vaccine test opens with 1st doses

<https://web.archive.org/web/20200601055941/https://apnews.com/76b614811eef32955180c8260188bc24>

March 16th 2020 13 USS Roosevelt Sailors Test Positive For COVID-19, Again

<https://www.npr.org/sections/coronavirus-live-updates/2020/05/16/857379338/5-uss-roosevelt-sailors-test-positive-for-covid-19-again>

March 16th 2020 WHO Director-General's opening remarks at the media briefing on COVID-19 - 16 March 2020

<https://www.who.int/director-general/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---16-march-2020>

“You cannot fight a fire blindfolded. And we cannot stop this pandemic if we don’t know who is infected. We have a simple message for all countries: **test, test, test.**

Test every suspected case. “

“Two Weeks to stop the spread”

March 16th, 15 days needed to “slow the spread”

<https://trumpwhitehouse.archives.gov/articles/15-days-slow-spread/>

<https://ia600201.us.archive.org/4/items/youtube-wLmVUL3LwmY/wLmVUL3LwmY.mp4>

March 16th, 2020 Report 9: Impact of non-pharmaceutical interventions (NPIs) to reduce COVID-19 mortality and healthcare demand

<https://www.imperial.ac.uk/media/imperial-college/medicine/sph/ide/gida-fellowships/Imperial-College-COVID19-NPI-modelling-16-03-2020.pdf>

“The major challenge of suppression is that this type of intensive intervention package – or something equivalently effective at reducing transmission – will need to be maintained until a vaccine becomes available (potentially 18 months or more) – given that we predict that transmission will quickly rebound if interventions are relaxed. We show that intermittent social distancing –

triggered by trends in disease surveillance – may allow interventions to be relaxed temporarily in relative short time windows, but measures will need to be reintroduced if or when case numbers rebound.”

“We assumed an incubation period of 5.1 days^{9,10}. Infectiousness is assumed to occur from 12 hours prior to the onset of symptoms for those that are symptomatic and from 4.6 days after infection in

those that are asymptomatic with an infectiousness profile over time that results in a 6.5-day mean generation time”

rs)	requiring hospitalisation	requiring critical care	
9	0.1%	5.0%	0.002%
19	0.3%	5.0%	0.006%
29	1.2%	5.0%	0.03%
39	3.2%	5.0%	0.08%
49	4.9%	6.3%	0.15%
59	10.2%	12.2%	0.60%
69	16.6%	27.4%	2.2%
79	24.3%	43.2%	5.1%

“In the (unlikely) absence of any control measures or spontaneous changes in individual behaviour, we would expect a peak in mortality (daily deaths) to occur after approximately 3

months (Figure 1A). In such scenarios, given an estimated R_0 of 2.4, we predict 81% of the GB and US populations would be infected over the course of the epidemic.”

“In total, in an unmitigated epidemic, we would predict approximately 510,000 deaths in GB (Great Britain my emphasis) and 2.2 million in the US, not accounting for the potential negative effects of health systems being overwhelmed on mortality”

“For an uncontrolled epidemic, we predict critical care bed capacity would be exceeded as early as the second week in April, with an eventual peak in ICU or critical care bed demand that is over 30 times greater than the maximum supply in both countries (Figure 2)”

“In this scenario, interventions can limit transmission to the extent that little herd immunity is acquired”

“Our results show that the alternative relatively short-term (3-month) mitigation policy option might reduce deaths seen in the epidemic by up to half, and peak healthcare demand by two-thirds.” (meaning 255,000 deaths in Britain and 1.1 million in the US)

Headlines March 17th

<https://theintercept.com/2020/03/17/coronavirus-air-pollution/>

<https://www.nytimes.com/2020/03/16/us/coronavirus-fatality-rate-white-house.html>

Via Cisco Webex
Baton Rouge, LA
8:25 AM CT



TRACKING IMMUNITY
DOES THE U.S. NEED A CORONAVIRUS IMMUNITY REGISTRY?
Sen. Bill Cassidy | (R) Louisiana

CORONAVIRUS PANDEMIC
GLOBALLY
TOTAL CASES 1,097,909
DEATHS 59,131
IN THE UNITED STATES
TOTAL CASES 278,458
DEATHS 7,159
JOHNS HOPKINS UNIVERSITY

CNN
8:25 AM PT
SMERCONISH



CORONAVIRUS PANDEMIC
GLOBAL
TOTAL CASES 1,412,103 DEATHS 81,103
UNITED STATES
TOTAL CASES 383,256 DEATHS 12,021
SOURCE: JOHNS HOPKINS UNIVERSITY

BREAKING NEWS
0.10% 23.70
▲ DJI 22,703.69

CORONAVIRUS PANDEMIC
MORE THAN 12,000 PEOPLE HAVE DIED FROM CORONAVIRUS IN THE U.S.

CNN
3:59 PM ET
THE LEAD

Harvard Business Review



CORONAVIRUS PANDEMIC

U.S. HITS RECORD HIGH: 52K+ CASES IN ONE DAY

Dr. Anthony Fauci | Director, National Institute of Allergy and Infectious Diseases

CORONAVIRUS PANDEMIC

GLOBALLY

TOTAL CASES
10,951,467

DEATHS
523,100

IN THE UNITED STATES

TOTAL CASES
2,772,395

DEATHS
129,150

SOURCE: JONAS BERGQVIST UNIVERSITY

CNN

1:01 PM PT

THE LEAD

CORONAVIRUS IN THE U.S.

- Trump: Pandemic "will get worse"
- AZ, TX, FL see fewer new cases
- U.S. deal for 100M "free or affordable" vaccines when ready



CORONAVIRUS PANDEMIC

U.S. AGREES TO PAY PFIZER \$2B FOR 100 MILLION DOSES OF VACCINE

CORONAVIRUS PANDEMIC

GLOBALLY

TOTAL CASES
15,000,424

DEATHS
617,832

IN THE UNITED STATES

TOTAL CASES
3,915,780

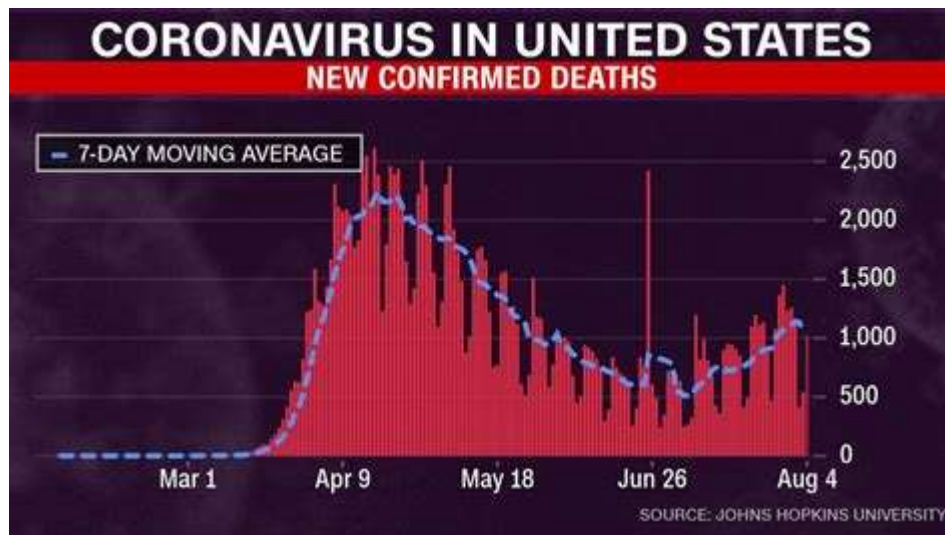
DEATHS
142,312

SOURCE: JONAS BERGQVIST UNIVERSITY

CNN

SEP 9 9:16

NEWSROOM



2020 Revisiting Bird Death prediction of 150 million

https://cdn.who.int/media/docs/default-source/influenza/h5n1-human-case-cumulative-table/2021_jan_tableh5n1.pdf?sfvrsn=f3079378_9&download=true

455 total death since 2003 ☹

Lecture 3 Global Citizen response

Beginning of Video <https://archive.org/details/3.-vaccine-3>

2020 Remdesivir

https://www.scienceopen.com/document_file/0b4f7389-fd7a-45b7-9324-3e5e6b432fd7/PubMedCentral/0b4f7389-fd7a-45b7-9324-3e5e6b432fd7.pdf

1 HR 9 min lecture 1 March 2020 PREP Act update

<https://archive.org/details/1.-vaccine-part-1>

March 22, 2020 During Shutdown 5G Being Installed Covertly in US Schools, Dept of Education Directive

https://www.opednews.com/populum/page.php?f=during-shutdown-5g-being-i-by-beverly-jensen-absence_dept-of-education-ed-gov_education_educational-facilities-200322-906.html

March 24th 2020 **FDA Grants Experimental Coronavirus Drug Benefits For Rare Disease Treatments**

<https://www.wbur.org/npr/821035311/fda-grants-experimental-coronavirus-drug-benefits-for-rare-disease-treatments>

March 24, 2020 **Trump says he wants the country ‘opened up and just raring to go by Easter,’ despite health experts’ warnings**

<https://www.cnn.com/2020/03/24/politics/trump-easter-economy-coronavirus/index.html>

<https://www.npr.org/sections/health-shots/2020/03/24/821035311/fda-grants-experimental-coronavirus-drug-benefits-for-rare-disease-treatments>

March 25th, 2020 How will pandemic end?

<https://www.theatlantic.com/health/archive/2020/03/how-will-coronavirus-end/608719/>

March 26th 2020 **'Heartbreaking': Moms could be separated from their newborns under coronavirus guidelines**

<https://www.usatoday.com/story/news/health/2020/03/26/pregnant-women-covid-19-could-separated-babies-birth/2907751001/>

March 27, 2020 The **Coronavirus Aid, Relief, and Economic Security Act**,^{[b][1]} also known as the **CARES Act**,^[2] is a \$2.2 trillion [economic stimulus](#) bill passed by the [116th U.S. Congress](#) and signed into law by President [Donald Trump](#) on in response to the [economic fallout](#) of the [COVID-19 pandemic in the United States](#).¹

<https://www.cnn.com/2020/03/24/politics/trump-easter-economy-coronavirus/index.html>

The first news report of Operation Warp Speed was on April 29, 2020, however it was deployed on March 27th 2020 with CARES ACT

https://en.wikipedia.org/wiki/Operation_Warp_Speed

https://en.wikipedia.org/wiki/Moncef_Slaoui

March 27 headlines

<https://www.businessinsider.com/covid19-model-predicts-40-million-people-could-die-without-interventions-2020-3>

<https://www.imperial.ac.uk/news/196496/coronavirus-pandemic-could-have-caused-40/>

March 29th, 2020 **Trump announces 30-day extension of coronavirus guidelines**

<https://www.axios.com/2020/03/29/trump-coronavirus-social-distancing-30-days>

Rick Bright the BARDA director, was reassigned on or about April 22, 2020, following his resistance to (as he phrased it) "efforts to fund potentially dangerous drugs promoted by those with political connections".^[22] In May, new leadership was announced. [Moncef Slaoui](#) was named Operation Warp Speed's chief adviser.

Moncef Slaoui 10 million profit off GSK stock lecture 3, 40 minutes <https://archive.org/details/3.-vaccine-3>

March 30th 2020 Covid-19: A report from Italy

<https://swprs.org/covid-19-a-report-from-italy/>

Protocol I got my hands on at the beginning of Covid:

Acute Care Cheat Sheet for Covid-19

What are the initial symptoms?

- **Fever** is the most common symptom with **shortness of breath** being the reason most patients come into the hospital.
- Runny nose and wet cough are rare because, unlike pneumonia, you do not have collection of mucous but **dry cough is common**.
- **Muscle pain** is fairly common as break down of muscle tissue is often used to help support immune response.
- In the **severe stages** can get **multi-organ failure** and **hematemesis**. Can often see in kidney first if pre-existing kidney conditions and due ACE receptors on kidney
- Approx. 10-15% of cases out of Seattle say URI and GI symptoms

What causes the initial problems with this disease?

It is an infection that starts in the blood and can become septic. The lungs have a large surface area and the alveoli in them are surrounded by capillaries. The capillaries around the alveoli breakdown, leak into, and damage the alveoli. Therefore, it is seen on imaging usually **bilaterally** and **all over lung** but much worse **posteriorly**.

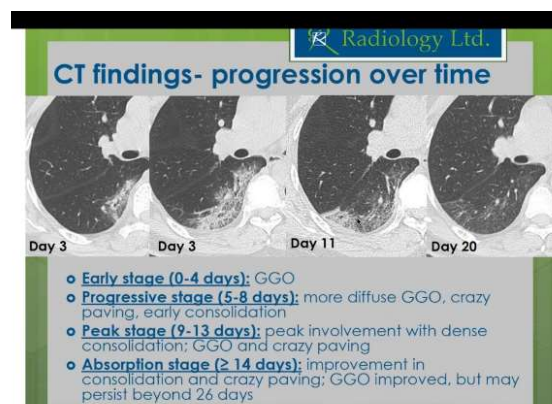
What is the typical course of the disease?

Patients come into the hospital symptomatic usually a few days after exposure. Viral load tends to highest in these patients at day 10-12. They are **at highest risk around day 14** after viral load has started to drop. They can have **dis-regulated T cell response**, severe damage to lining of alveoli. It becomes an immune mediated process not longer directly associate with virus and **this is where ARDS usually develops**. **Be cautious around this day 14 period as sudden drop offs in patient condition can often take place.**

What do Covid patient's look like on imaging?

Early on **may see nothing on chest x-ray**.

However, CT scan will show ground **glass opacities, consolidation, and paving**.



The patient on my list has tested **negative** for Covid-19 but other testing for differential diagnosis is negative/they have imaging and symptoms that corroborate Covid-19 diagnosis, what should I do?

Testing is not 100% accurate and number of tests are limited. A **bronchoscopy is 90% accurate** based on current literature though there are conflicting reports. A **nasal swab has 25% false negative rate at best**. You should notify your supervisor and wear appropriate PPE. If you have not been **fit tested for an N95** (not just that you have access to an N95) or have access to a PAPR, you need to be fit tested prior to seeing these patients.

What do these patient's look like on chart review?

Patients will have **decreased**: Lymphocytes (worst at day 14 after exposure), platelets, BUNs, Liver Function Tests (including AST, ALT and total Bilirubin)

Patients will have **increased**: Erythrocyte sedimentation rate (in more than 50% of patients), C-Reactive protein (rises at day 3-5, peaks at day 14, then drops off), BUN, D-dimer, IL-6 and Ferritin.

Unlike typical ARDS, **not seeing** increased PCT and Lactate
80%+ will have leukopenia

How do I prevent transmission?

The highest risk of transmission is when **removing PPE**. Review the proper order/method for donning and doffing prior to seeing patients. Follow all safety procedures and limit your exposure to confirmed cases as much as possible

March 26th, 2020 Report 12: The Global Impact of COVID-19 and Strategies for Mitigation and Suppression

<https://www.imperial.ac.uk/media/imperial-college/medicine/mrc-gida/2020-03-26-COVID19-Report-12.pdf>

“Globally, we estimate that a completely unmitigated COVID-19 epidemic would lead to 7.0 (range 6.4-7.2) billion infections for a basic reproduction number, R_0 , of 3.0 (range 2.4-3.3).

Applying estimates of the age-specific IFR from China, this could result in 40 (range 35-42) million deaths.”

“If mitigation including enhanced social distancing is pursued, for an R_0 of 3.0, we estimate a maximum reduction in infections in the range 30-38% (median 33%) and a range of reduction in mortality between 19%-55% (median 39%) representing 16 million lives saved for $R_0=3$ (assuming the mortality patterns observed in China)”

(meaning a prediction of 24 million deaths by Covid WITH a mitigation strategy)

March 30th, 2020 Neutralizing antibody responses to SARS-CoV-2 in a COVID-19 recovered patient cohort and their implications

<https://www.medrxiv.org/content/10.1101/2020.03.30.20047365v2.full.pdf>

April 1st 2020 [CBS admits to using footage from Italy in report about NYC](https://nypost.com/2020/04/01/cbs-admits-to-using-footage-from-italy-in-report-about-nyc/)

<https://nypost.com/2020/04/01/cbs-admits-to-using-footage-from-italy-in-report-about-nyc/>

1st April 2020 perspectives on the Pandemic

<https://www.dailymotion.com/video/x7ubcws>

April 2nd 2020 **Coronavirus simulations completed on supercomputer**

<https://new.nsf.gov/news/coronavirus-simulations-completed-supercomputer>

April 3rd, 2020 **Google Donates \$6.5 Million in Funding to Assist Fact-Checking Organizations in Battling COVID-19 Misinformation**

<https://www.socialmediatoday.com/news/google-donates-65-million-in-funding-to-assist-fact-checking-organization/575400/>

April 3rd, 2020 Moderna CEO Stéphane Bancel Becomes A Billionaire As Stock Jumps On Coronavirus Vaccine News

<https://www.forbes.com/sites/giacomotognini/2020/04/03/moderna-ceo-stphane-bancel-becomes-a-billionaire-as-stock-jumps-on-coronavirus-vaccine-news/?sh=735b1fa45bf3>

April 4th, 2020 How the 5G coronavirus conspiracy theory went from fringe to mainstream

<https://www.vox.com/recode/2020/4/24/21231085/coronavirus-5g-conspiracy-theory-covid-facebook-youtube>

April 5th 2020 Population-level COVID-19 mortality risk for non-elderly individuals overall and for non-elderly individuals without underlying diseases in pandemic epicenters

<https://www.medrxiv.org/content/10.1101/2020.04.05.20054361v1.full.pdf>

“<65 account for 5%-9% of all COVID-19 deaths in the 8 European epicenters, and approach 30% in three US hotbed locations. People <65 years old had 34- to 73-fold lower risk than those ≥65 years old in the European countries and 13- to 15-fold lower risk in New York City, Louisiana and Michigan. The absolute risk of COVID-19 death ranged from 1.7 per million for people <65 years old in Germany to 79 per million in New York City. The absolute risk of COVID-19 death for people ≥80 years old ranged from approximately 1 in 6,000 in Germany to 1 in 420 in Spain. The COVID-19 death risk in people <65 years old during the period of fatalities from the epidemic was equivalent to the death risk from driving between 9 miles per day (Germany) and 415 miles per day (New York City). People <65 years old and not having any underlying predisposing conditions accounted for only 0.3%, 0.7%, and 1.8% of all COVID-19 deaths in Netherlands, Italy, and New York City.”

April 8th 2020 Employees' no-show at Riverside nursing home with coronavirus outbreak leads to 83 residents being evacuated

<https://ktla.com/news/local-news/84-residents-evacuated-from-riverside-nursing-home-with-39-coronavirus-cases-after-employees-dont-show-up/>

April 8th 2020 Dr. Birx: Unlike Some Countries, "If Someone Dies With COVID-19 We Are Counting That As A COVID-19 Death"

https://www.realclearpolitics.com/video/2020/04/08/dr_birx_unlike_some_countries_if_someone_dies_with_covid-19_we_are_counting_that_as_a_covid-19_death.html#!

https://www.cdc.gov/nchs/nvss/covid_weekly/index.html

State	Sex	Age Group	Year in which death occurred	Sex	Age Group	All Deaths involving COVID-19 [1]	Deaths from All Causes	Deaths involving Pneumonia [2]	Deaths involving COVID-19 and Pneumonia [2]	All Deaths involving Pneumonia, Influenza, or COVID-19 [3]	Deaths involving Pneumonia, Influenza, or COVID-19 [3]
United States	All	All	2020/2021	All Sexes	0-17 years	439	56,092	940	103	188	1,473
2020/2021	All Sexes	18-29 years	3,212	156,480	3,186	1,463	148	5,071			
2020/2021	All Sexes	30-39 years	9,240	152,823	8,156	4,514	323	13,160			
2020/2021	All Sexes	40-49 years	23,501	227,656	19,609	12,096	503	31,445			
2020/2021	All Sexes	50-64 years	110,689	934,881	102,083	60,200	2,208	154,424			
2020/2021	All Sexes	65-74 years	147,588	1,332,479	139,728	80,739	2,010	208,239			
2020/2021	All Sexes	75-84 years	176,761	1,616,163	161,851	91,304	2,016	250,844			
2020/2021	All Sexes	85 years and over	1,187,042	1,624,027	176,846	79,446	1,802	268,393			
2020/2021	All Sexes	All Ages	1,073,423	5,587,895	986,210	320,882	6,388	933,049			
2020/2021	Female	0-17 years	200	23,382	433	47	84	670			
2020/2021	Female	18-29 years	1,219	28,532	1,328	570	70	1,844			
2020/2021	Female	30-39 years	3,387	49,031	3,330	1,641	164	5,031			
2020/2021	Female	40-49 years	8,557	82,671	9,434	4,297	221	11,791			
2020/2021	Female	50-64 years	40,477	377,318	22,347	931	9,837				

Yearly Monthly Total

Microsoft Power BI

April 9th 2020 Almost 90% of COVID Patients Placed on Ventilators in New York City Died
<https://www.linkedin.com/pulse/over-80-covid-patients-placed-ventilators-new-york-have-colangelo>

April 10th, 2020 Neurologic Manifestations of Hospitalized Patients With Coronavirus Disease 2019 in Wuhan, China

<https://sci-hub.ru/10.1001/jamaneurol.2020.1127>

Diarrhea	9 (13.2)	13 (14.0)	20 (22.2)	.17
Throat pain	31 (14.5)	10 (11.4)	21 (16.7)	.28
Abdominal pain	10 (4.7)	6 (6.8)	4 (3.2)	.21
Nervous system symptoms				
Any	78 (36.4)	40 (45.5)	38 (30.2)	.02
CNS	53 (24.8)	27 (30.7)	26 (20.6)	.09
Dizziness	36 (16.8)	17 (19.3)	19 (15.1)	.42
Headache	28 (13.1)	15 (17.0)	13 (10.3)	.15
Impaired consciousness	16 (7.5)	13 (14.8)	3 (2.4)	<.001
Acute cerebrovascular disease	6 (2.8)	5 (5.7)	1 (0.8)	.03
Ataxia	1 (0.5)	1 (1.1)	0	NA
Seizure	1 (0.5)	1 (1.1)	0	NA
PNS	19 (8.9)	7 (8.0)	12 (9.5)	.69
Impairment				
Taste	12 (5.6)	3 (3.4)	9 (7.1)	.24
Smell	11 (5.1)	3 (3.4)	8 (6.3)	.34
Vision	3 (1.4)	2 (2.3)	1 (0.8)	.37
Nerve pain	5 (2.3)	4 (4.5)	1 (0.8)	.07
Skeletal muscle injury	23 (10.7)	17 (19.3)	6 (4.8)	<.001
Onset of symptoms to hospital admission, median (range), d				
CNS				
Dizziness	1 (1-30)	1 (1-30)	1 (1-14)	NA
Headache	1 (1-14)	1 (1-3)	3 (1-14)	NA
Impaired consciousness	8 (1-25)	10 (1-25)	1 (1-3)	NA
Acute cerebrovascular disease	9 (1-18)	10 (1-18)	1 (1)	NA
Ataxia	2 (2)	2 (2)	NA	NA
Seizure	2 (2)	2 (2)	NA	NA
PNS				
Impairment				
Taste	2 (1-5)	3 (1-3)	2 (1-5)	NA
Smell	2 (1-5)	1 (1-4)	2 (1-5)	NA
Vision	2 (1-3)	3 (2-3)	1 (1)	NA
Nerve pain	1 (1-1)	1 (1-1)	1 (1)	NA
Skeletal muscle injury	1 (1-11)	1 (1-11)	1 (1-6)	NA

Abbreviations: CNS, central nervous system; PNS, peripheral nervous system; NA, not applicable; P, P value; NA, not applicable.

April 2020 Study on the Transport Mechanism of a Freestanding Graphene Oxide Membrane for Forward Osmosis

<https://pubs.acs.org/doi/abs/10.1021/acs.est.9b05597>

April 2020 Efficacy of glutathione therapy in relieving dyspnea associated with COVID-19 pneumonia: A report of 2 cases

<https://sci-hub.ru/10.1016/j.rmcr.2020.101063>

April 10th 2020 About half of all US coronavirus deaths are in New York and New Jersey

https://www.cnn.com/world/live-news/coronavirus-pandemic-04-10-20/h_5b2bcab89351f5e6cadfe3700b8b2f38

April 12th 2020 Tri-State Passes 250K Coronavirus Cases, Accounts for Nearly Half of US Total

<https://www.nbcnewyork.com/news/local/cuomo-de-blasio-urge-nyers-to-stay-inside-nj-braces-for-peak-to-hit-in-coming-days/2369580/>

April 2024 <https://covidtracking.com/data/national>

September 2020 Vs <https://web.archive.org/web/20200920050919/https://covidtracking.com/data/national/>

April 2020 Endogenous deficiency of glutathione as the most likely cause of serious manifestations and death in patients with the novel coronavirus infection (COVID-19): a hypothesis based on literature data and own observations

https://www.researchgate.net/profile/Alexey-Polonikov/publication/340917045_Endogenous_deficiency_of_glutathione_as_the_most_likely_cause_of_serious_manifestations_and_death_in_patients_with_the_novel_coronavirus_infection_COVID-19_a_hypothesis_based_on_literature_data_and_own_links/5ebb7eb1458515626ca56b08/Endogenous-deficiency-of-glutathione-as-the-most-likely-cause-of-serious-manifestations-and-death-in-patients-with-the-novel-coronavirus-infection-COVID-19-a-hypothesis-based-on-literature-data-and-own.pdf?tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uIiwicGFnZSI6InB1YmxpY2F0aW9uIn19

April 2020 The 5G Safety Dilemma: Plea for Urgent Scientific Research in the European Context

https://www.researchgate.net/profile/Dirk-Meijer-5/publication/340528995_The_5G_Safety_Dilemma_Plea_for_Urgent_Scientific_Research_in_the_European_Context/links/5e8f11eb299bf1307989fa35/The-5G-Safety-Dilemma-Plea-for-Urgent-Scientific-Research-in-the-European-Context.pdf?tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uIiwicGFnZSI6InB1YmxpY2F0aW9uIn19

April 2020 Effects of low frequency electromagnetic fields on expression of lymphocyte subsets and production of cytokines of men and women employed in a museum

<https://coronanlm.com/pdf/LowfrequencyEMF-lymphocytes.pdf>

April 14 th 2020 N.Y.C. Death Toll Soars Past 10,000 in Revised Virus Count

<https://web.archive.org/web/20200414203004/https://www.nytimes.com/2020/04/14/nyregion/new-york-coronavirus-deaths.html>

April 16th 2020 Risk of hunger pandemic as coronavirus set to almost double acute hunger by end of 2020

<https://www.wfp.org/stories/risk-hunger-pandemic-coronavirus-set-almost-double-acute-hunger-end-2020>

April 17th 2020 Moderna Nabs \$483 Million from BARDA to Support COVID-19 Vaccine Program

<https://www.biospace.com/article/barda-backs-moderna-s-covid-19-vaccine-candidate-with-483-million-grant/>

April 20th 2020 WHO/HQ/DDI/DNA/CAT INTERNATIONAL GUIDELINES FOR CERTIFICATION AND CLASSIFICATION (CODING) OF COVID-19 AS CAUSE OF DEATH

1. PURPOSE OF THE DOCUMENT

This document describes certification and classification (coding) of deaths related to COVID-19. The primary goal is to identify all deaths due to COVID-19.

A simplified section specifically addresses the persons that fill in the medical certificate of cause of death. It should be distributed to certifiers separate from the coding instructions.

2. DEFINITION FOR DEATHS DUE TO COVID-19

A death due to COVID-19 is defined for surveillance purposes as a death resulting from a clinically compatible illness, in a probable or confirmed COVID-19 case, unless there is a clear alternative cause of death that cannot be related to COVID disease (e.g. trauma). There should be no period of complete recovery from COVID-19 between illness and death.

A death due to COVID-19 may not be attributed to another disease (e.g. cancer) and should be counted independently of preexisting conditions that are suspected of triggering a severe course of COVID-19.

3. GUIDELINES FOR CERTIFYING COVID-19 AS A CAUSE OF DEATH

10.11/7-2632524198... \cls.12881.pdf Report on deaths in co... Guidelines Cause of De

Frame A: Medical data: Part 1 and 2

1 Report disease or condition directly leading to death on line a	a Cause of death	Time interval from onset to death
Report chain of events in due to order (if applicable)	b Acute respiratory distress syndrome	J89 2 days
State the underlying cause on the lowest used line	c Due to: Pneumonia	J18.9 10 days
	d Suspected COVID-19	U07.2 12 days

Underlying cause of death

2 Other (specify) (Time intervals can be included in brackets after the condition)

Coronary artery disease (1 year), Type 2 diabetes (14 Years), Chronic obstructive pulmonary disease (8 years) U01.1, R11.9, I44.1

Manner of death:

<input type="checkbox"/> Disease	<input type="checkbox"/> Accident	<input type="checkbox"/> Could not be determined
<input type="checkbox"/> Suicide	<input type="checkbox"/> Legal intervention	<input type="checkbox"/> Pending investigation
<input type="checkbox"/> Intentional self-harm	<input type="checkbox"/> War	<input type="checkbox"/> Unknown

Note: Code all entries in Part 1 and 2, and in this example select COVID-19, specified as suspected (the case has virus not confirmed) as underlying cause of death. Step SP3 applies as causes have been reported on more than one line in Part 1 and the condition reported first on the lowest used line (COVID-19) can cause all the conditions: pneumonia (J18.9) and Acute respiratory distress syndrome (J89), mentioned on the lines above. [See ICD-10 2016 and later, Volume 2, Section 4.2.1].

Frame A: Medical data: Part 1 and 2

1 Report disease or condition directly leading to death on line a	a Cause of death	Time interval from onset to death
Report chain of events in due to order (if applicable)	b Acute respiratory distress syndrome	J89 2 days
State the underlying cause on the lowest used line	c Due to: Pneumonia	J18.9 10 days
	d COVID-19	U07.1 12 days

https://cdn.who.int/media/docs/default-source/classification/icd/covid-19/guidelines-cause-of-death-covid-19-20200420-en.pdf?sfvrsn=35fdd864_2&download=true

Lockdowns treatments deaths 1 hr 8 minutes

Guidance for Certifying Deaths Due to Coronavirus Disease 2019 (COVID-19)

<https://web.archive.org/web/20200403053123/https://www.cdc.gov/nchs/data/nvss/vsrg/vsrg03-508.pdf>

is critical to ongoing public health surveillance and response. When a death is due to COVID-19, it is likely the UCOD and thus, it should be reported on the lowest line used in Part I of the death certificate. Ideally, testing for COVID-19 should be

conducted, but it is acceptable to report COVID-19 on a death certificate without this confirmation if the circumstances are compelling within a reasonable degree of certainty.

For more guidance and training on cause-of-death reporting

April 21, 2020 A preliminary study on the reproductive toxicity of GS-5734 on male mice Gets Withdrawn

<https://www.biorxiv.org/content/10.1101/2020.04.21.050104v1.full.pdf>

April 22nd 2020 **Coronavirus has mutated into at least 30 variants**

<https://www.news-medical.net/news/20200422/Coronavirus-has-mutated-into-at-least-30-strains.aspx#>

April 22nd 2020 **Most COVID-19 Patients Placed on Ventilators Died, New York Study Shows**

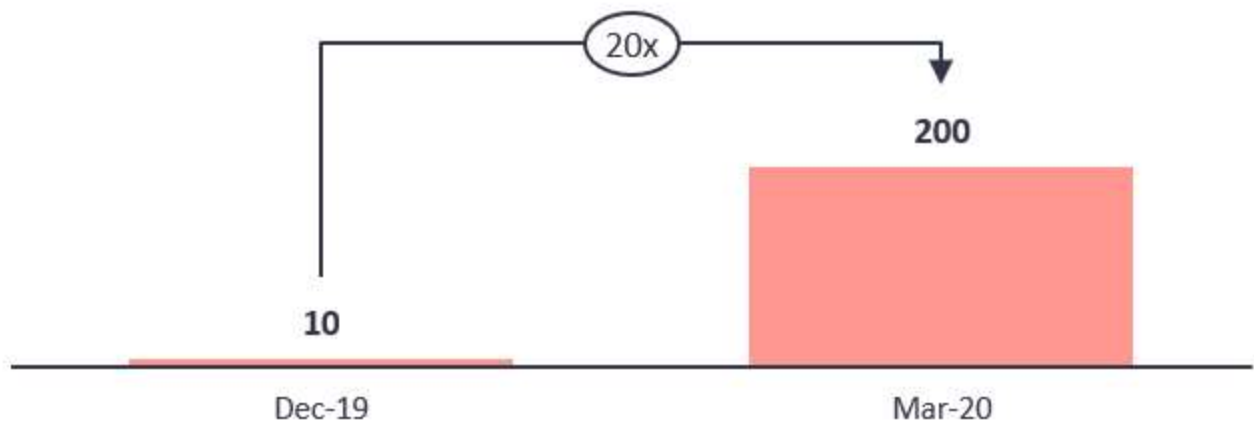
<https://www.healthday.com/health-news/pulmonology/most-covid-19-patients-placed-on-ventilators-died-new-york-study-shows-756987.html>

April 22nd 2020 **The impact of Covid-19 on the Internet of Things – now and beyond the Great Lockdown**

https://iot-analytics.com/the-impact-of-covid-19-on-the-internet-of-things-part-2/?utm_source=Covid%20Landing%20Page&utm_medium=ButtonBox1&utm_campaign=Covid%20Campaign

Some enterprise technologies take off

Daily Maximum Users of the Zoom Video Conferencing solution (in million)



Source: <https://blog.zoom.us/wordpress/2020/04/01/a-message-to-our-users/>

There is a notable ramp-up in technologies such as

1. Work-from-home infrastructure (e.g., laptops, screens, connectivity, etc.)
2. Collaboration tools (e.g., video conferencing, team chat, project planning, etc.)

3. Virtualization infrastructure (e.g., remote desktops)
4. VPN networking
5. Mobile devices
6. Security
7. Desktop support

April 27th 2020 New York City nurse patients killed by ventilator overuse and neglect

<https://archive.org/download/youtube-qrY3hsdMV60/qrY3hsdMV60.mp4>

April 28th 2020 UPDATE: Local nursing homes report false positive COVID-19 tests

<https://web.archive.org/web/20200511155913/https://www.wjhl.com/local-coronavirus-coverage/agape-nursing-home-says-residents-who-tested-positive-for-covid-19-were-false-positives/>

April 29th 2020 **Physicians Say Hospitals Are Pressuring ER Docs to List COVID-19 on Death Certificates. Here's Why**

<https://web.archive.org/web/20200429201224/https://fee.org/articles/physicians-say-hospitals-are-pressuring-er-docs-to-list-covid-19-on-death-certificates-here-s-why/>

https://web.archive.org/web/20200429183103/https://www.youtube.com/watch?v=vJprwe_rWeM#action=share

https://web.archive.org/web/20200428040832/https://www.youtube.com/watch?v=vJprwe_rWeM

April 30th 2020 'A huge boost': Coronavirus patients feared to have been reinfected had returned false positives, says South Korea

<https://www.independent.co.uk/news/world/asia/coronavirus-south-korea-patients-infected-twice-test-a9491986.html>

April 30th, 2020 Study to Describe the Safety, Tolerability, Immunogenicity, and Potential Efficacy of RNA Vaccine Candidates Against COVID-19 in Healthy Adults

<https://ncrc.jhsph.edu/research/study-to-describe-the-safety-tolerability-immunogenicity-and-potential-efficacy-of-rna-vaccine-candidates-against-covid-19-in-healthy-adults/>

April 30th 2020 A preliminary study on the reproductive toxicity of GS-5734 on male mice

<https://www.biorxiv.org/content/10.1101/2020.04.21.050104v2.full.pdf>

May 4th 2020 Race to 5G: Quarantines and Vandals Can't Stop 5G Rollout

<https://www.pcmag.com/news/race-to-5g-quarantines-and-vandals-cant-stop-5g-rollout>

May 5th Neil Ferguson resigns after breaking Covid restrictions

<https://www.theguardian.com/uk-news/2020/may/05/uk-coronavirus-adviser-prof-neil-ferguson-resigns-after-breaking-lockdown-rules>

May 2020 Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settings—
Personal Protective and Environmental Measures

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7181938/pdf/19-0994.pdf>

“Although mechanistic studies support the potential effect of hand hygiene or face masks, evidence from 14 randomized controlled trials of these measures did not support a substantial effect on transmission of laboratory-confirmed influenza. We similarly found limited evidence on the effectiveness of improved hygiene and environmental cleaning”

May 1st 2020 **Moderna aims for a billion COVID-19 shots a year with Lonza manufacturing tie-up**

<https://www.fiercepharma.com/manufacturing/moderna-aims-for-a-billion-covid-19-shots-a-year-lonza-manufacturing-tie-up>

May 5th 2020 **Population-level COVID-19 mortality risk for non-elderly individuals overall and for nonelderly individuals without underlying diseases in pandemic epicenter**

<https://www.tritorch.com/degradation/!!!>

NearNonexistantDeathRateOfYoungCOVIDPatientsSeptember2020%201-s2.0-S0013935120307854-main.pdf

“ as of May 1, 2020; absolute COVID-19 death risk expressed as equivalent of death risk from driving a motor vehicle”

“people <65 years old had 36- to 84-fold lower risk of COVID-19 death than those ≥ 65 years old in 10 European countries and Canada and 14- to 56-fold lower risk in UK and US locations. The absolute risk of COVID-19 death as of May 1, 2020 for people <65 years old ranged from 6 (Canada) to 249 per million (New York City). The absolute risk of COVID-19 death for people ≥ 80 years old ranged from 0.3 (Florida) to 10.6 per thousand (New York). The COVID-19 death risk in people <65 years old during the period of fatalities from the epidemic was equivalent to the death risk from driving between 13 and 101 miles per day for 11 countries and 6 states, and was higher (equivalent to the death risk from driving 143-668 miles per day) for 6 other states and the UK. People <65 years old without underlying predisposing conditions accounted for only 0.7-2.6% of all COVID-19 deaths

Absolute Risk of Death less than 65- Canada: .0006% New York: .0249%

Absolute Risk of Death over 80– Florida: .03% New York: 1.06%

March 7th 2020






https://en.wikipedia.org/wiki/New_York_COVID-19_nursing_home_scandal

May 8th 2020 Endogenous Deficiency of Glutathione as the Most Likely Cause of Serious Manifestations and Death in COVID-19 Patients

<https://sci-hub.ru/10.1021/acsinfecdis.0c00288>

May 12th, The Global Impact of COVID-19 and Strategies for Mitigation and Suppression
Worldometers.info Coronavirus Update, May 12, 2020

Imperial College model's "unmitigated" COVID-19 predictions vs. actual deaths as of

	Canada	US	UK	Sweden	Korea	
						
Projection, March 26, 2020	326,000	2,654,000	600,000	85,000	381,000	1,000,000
Actual, May 12, 2020	5,169	83,718	32,692	3,313	258	1,000

See reference above: Our results show that the alternative relatively short-term (3-month) mitigation policy option **might reduce deaths** seen in the epidemic **by up to half, and peak healthcare demand by two-thirds.**" (meaning 255,000 deaths in Britain and 1.1 million in the US)

May 12th actual deaths from Worldometer

<https://web.archive.org/web/20200512033234/https://www.worldometers.info/coronavirus/>

World	4,255,942	+3,617	287,332	+195	1,527,495	2,441,115	46,936	546	36.9		
USA	1,385,834		81,795		262,225	1,041,814	16,484	4,187	247	9,619,855	29,061
Spain	268,143		26,744		177,846	63,553	1,650	5,735	572	2,467,761	52,781
UK	223,060		32,065		N/A	190,651	1,559	3,286	472	1,921,770	28,301
Russia	221,344		2,009		39,801	179,534	2,300	1,517	14	5,636,763	38,621
Italy	219,814		30,739		106,587	82,488	999	3,636	508	2,606,652	43,111
France	177,423		26,643		56,724	94,056	2,712	2,718	408	1,384,633	21,211
Germany	172,576		7,661		145,617	19,298	1,576	2,060	91	2,755,770	32,891
Brazil	169,594	+451	11,653	+28	67,384	90,557	8,318	798	55	339,552	1,591
Turkey	139,771		3,841		95,780	40,150	1,126	1,657	46	1,403,320	16,631

$287,332 / 24,000,000 \times 100$ (to get percentage) = **1.19%** of Neill's Predicted deaths based on models

May 15th On May 15, 2020, President [Donald Trump](#) officially announced the public-private partnership.^{[4][1][9]} The purpose of Operation Warp Speed was to coordinate [Health and Human Services](#)-wide efforts, including the NIH ACTIV partnership for vaccine and therapeutic development, the NIH RADx initiative for diagnostic development, and work by BARDA

Operation Warp Speed used BARDA as the financial interface between the U.S. federal government and the biomedical industry.^[20] The program was initially being funded with \$10 billion,^[1] with additional funds allocated through BARDA.^[1] Funding was increased to about \$18 billion by October 2020.^[21]

May 15th 2020 Face masks are now a mandatory L.A. accessory. Can we keep covered up?

<https://web.archive.org/web/20200515154309/https://www.latimes.com/california/story/2020-05-15/face-coverings-now-a-mandatory-l-a-accessory-can-we-keep-it-covered-up>

May 18th 2020 28 Million Elective Surgeries Worldwide Estimated to be Delayed by COVID-19

<https://ashpublications.org/ashclinicalnews/news/5118/28-Million-Elective-Surgeries-Worldwide-Estimated>

May 18th 2020 Moderna Announces Positive Interim Phase 1 Data for its mRNA Vaccine (mRNA-1273) Against Novel Coronavirus

<https://investors.modernatx.com/news/news-details/2020/Moderna-Announces-Positive-Interim-Phase-1-Data-for-its-mRNA-Vaccine-mRNA-1273-Against-Novel-Coronavirus/default.aspx>

https://s29.q4cdn.com/435878511/files/doc_news/2020/05/18/moderna-announces-positive-interim-phase-1-data-its-mrna-vaccine.pdf

May 18th 2020 Moderna's COVID-19 vaccine shows positive results, moves to larger studies

<https://web.archive.org/web/20200601022312/https://www.nbcnews.com/health/health-news/moderna-s-covid-19-vaccine-shows-positive-results-moves-larger-n1209161>

The phase 1 trial **involved 45 people**. Results on **eight of those participants revealed they developed neutralizing antibodies** (8/45 = or 17.77%) — which are believed to be key in

providing protection from the virus — at levels seen in patients who've recovered from COVID-19.

May 19th 2020 Vaccine experts say Moderna didn't produce data critical to assessing Covid-19 vaccine

<https://web.archive.org/web/20200601112044/https://www.statnews.com/2020/05/19/vaccine-experts-say-moderna-didnt-produce-data-critical-to-assessing-covid-19-vaccine/>

May 19th, 2020 Some have tested positive for COVID-19 after recovering. What does that mean?

<https://news.yahoo.com/tested-positive-covid-19-recovering-223200125.html>

May 19th 2020 Vaccine experts say Moderna didn't produce data critical to assessing Covid-19 vaccine

<https://www.cnbc.com/2020/05/19/experts-say-moderna-didnt-produce-data-critical-to-assessing-vaccine.html>

May 19th, 2020 Moderna's Stock Has Tripled on Vaccine News. How to Tell if It's Worth the Money.

<https://web.archive.org/web/20200601145800/https://www.barrons.com/articles/modernas-stock-has-tripled-this-year-on-covid-19-vaccine-news-51589882408>

May 21st, 2020 CDC acknowledges mixing up coronavirus testing data

<https://thehill.com/policy/healthcare/499085-cdc-acknowledges-mixing-up-coronavirus-testing-data/>

May 21st 2020 TALE OF TWO CRISES: BILLIONAIRES GAIN AS WORKERS FEEL PANDEMIC PAIN

<https://americansfortaxfairness.org/tale-two-crises-billionaires-gain-workers-feel-pandemic-pain/>

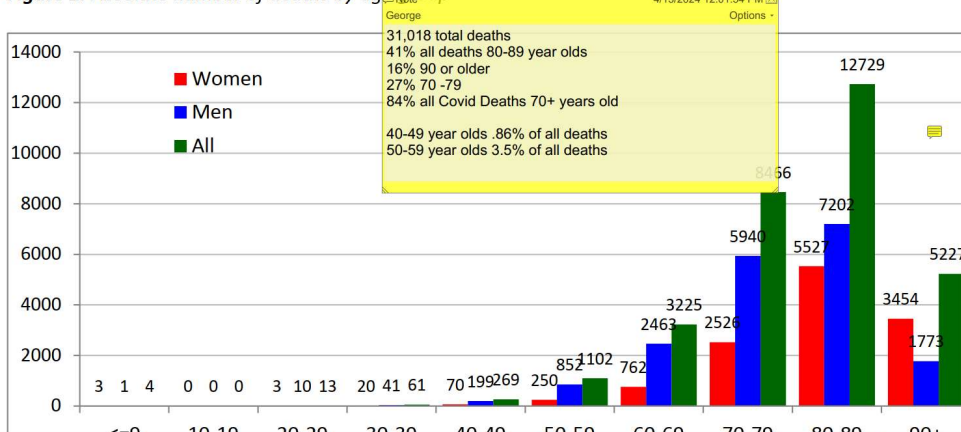
<https://americansfortaxfairness.org/wp-content/uploads/2020-5-21-Billionaires-Press-Release-at-Two-month-Covid-Pandemic-FINAL.pdf>

“Nation’s Billionaire’s See Net Worth Jump \$434B in First Two Months of Pandemic”

May 21st 2020 Characteristics of SARS-CoV-2 patients dying in Italy Report based on available data on May 21st , 2020

https://www.epicentro.iss.it/en/coronavirus/bollettino/Report-COVID-2019_21_May_2020.pdf

Figure 2. Absolute number of deaths by age group



May 22nd 2020 **Dr. Anthony Fauci On U.S Efforts To Develop A Coronavirus Vaccine**

<https://www.npr.org/2020/05/22/860682211/dr-anthony-fauci-on-u-s-efforts-to-develop-a-coronavirus-vaccine>

“That will be - as appropriately - submitted to a peer-reviewed journal so that everyone can see the total data.

But having looked at the data myself, it is really quite promising in the sense of that in the Phase 1 study, which is the first step towards the development of a vaccine through its multiple phases, the vaccine induced what we call neutralizing antibodies as opposed to just binding antibodies. And neutralizing antibodies are antibodies that actually can block the virus. “

May 22nd 2020 CDC and 11 states acknowledge mixing results of viral and antibody tests

<https://www.cnn.com/2020/05/22/health/cdc-mixing-coronavirus-tests/index.html>

May 22nd 2020 COVID-19 and the 5G Conspiracy Theory: Social Network Analysis of Twitter Data

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7205032/?report=printable>

“Content analysis revealed that, of 233 sample tweets, 34.8% (n=81) contained views that 5G and COVID-19 were linked, 32.2% (n=75) denounced the conspiracy theory, and 33.0% (n=77) were general tweets not expressing any personal views or opinions. Thus, 65.2% (n=152) of tweets derived from nonconspiracy theory supporters, which suggests that, although the topic attracted high volume, only a handful of users genuinely believed the conspiracy”

“quick and targeted interventions oriented to delegitimize the sources of fake information is key to reducing their impact. Those users voicing their views against the conspiracy theory, link baiting, or sharing humorous tweets inadvertently raised the profile of the topic, suggesting that policymakers should insist in the efforts of isolating opinions that are based on fake news. Many social media platforms provide users with the ability to report inappropriate content, which should be used. This study is the first to analyze the 5G conspiracy theory in the context of COVID-19 on Twitter offering practical guidance to health authorities in how, in the context of a pandemic, rumors may be combated in the future “

May 24th 2020 Healthy Clinical Trial Subjects Suffer Grade 3 Side Effects to Moderna’s mRNA COVID-19 Vaccine

<https://web.archive.org/web/20200601110616/https://thevaccinereaction.org/2020/05/healthy-clinical-trial-subjects-suffer-grade-3-side-effects-to-modernas-mrna-covid-19-vaccine/>

March 24th 2020 Corpses of the elderly found abandoned in Spanish care homes

<https://www.aljazeera.com/news/2020/3/24/corpses-of-the-elderly-found-abandoned-in-spanish-care-homes>

May 27th 2020 Moderna executives have cashed out \$89M in shares this year, as stock price has soared on vaccine hopes

<https://www.statnews.com/2020/05/27/moderna-executives-cashed-out-shares-stock-price-soared/>

May 27th 2020 **Moderna coronavirus vaccine tester fainted, had high fever during trial**

<https://web.archive.org/web/20200527214443/https://nypost.com/2020/05/27/moderna-coronavirus-vaccine-tester-fainted-had-high-fever/>

May 29th 2020 **Neuropathogenesis and Neurologic Manifestations of the Coronaviruses in the Age of Coronavirus Disease 2019A Review**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7484225/pdf/nihms-1619165.pdf>

“Viral neuroinvasion may be achieved by several routes, including transsynaptic transfer across infected neurons, entry via the olfactory nerve, infection of vascular endothelium, or leukocyte migration across the blood-brain barrier. The most common neurologic complaints in COVID-19 are anosmia, ageusia, and headache, but other diseases, such as stroke, impairment of consciousness, seizure, and encephalopathy, have also been reported.”

June 2020 NIH owns half of Moderna Vaccine

<https://www.documentcloud.org/documents/6935295-NIH-Moderna-Confidential-Agreements.html>

<https://www.citizen.org/article/the-nih-vaccine/>

June 8th 2020 WHO official asymptomatic spread of coronavirus very rare

<https://web.archive.org/web/20201219161716/https://www.msn.com/en-us/news/politics/who-official-asymptomatic-spread-of-coronavirus-very-rare/ar-BB15cBHW>

Kawasaki disease clip

<https://web.archive.org/web/20200607221300/https://www.societi.org.uk/kawasaki-disease-covid-19/responding-to-press-coverage-28-april-2020/>

June 8th 2020 **Ohio school district plans to surveil students with bluetooth tracking devices to prevent the spread of Covid-19**

<https://www.theblaze.com/news/ohio-school-surveil-students-coronavirus>

June 9th 2020 Perspectives on the Pandemic | The (Undercover) Epicenter Nurse | Episode Nine

<https://www.youtube.com/watch?v=UIDsKdeFOmQ>

June 9th 2020 5G technology and induction of Coronavirus on Skin

[https://libgen.gs/get.php?](https://libgen.gs/get.php?md5=31ef8ff7d9f354f0217ab5918df4fb96&key=7Q875LU8FZZ6G3OP&doi=10.0000/archive.org/details/5-g-technology-and-induction-of-coronavirus-in-skin-cells-m.-fioranelli/)

[md5=31ef8ff7d9f354f0217ab5918df4fb96&key=7Q875LU8FZZ6G3OP&doi=10.0000/archive.org/details/5-g-technology-and-induction-of-coronavirus-in-skin-cells-m.-fioranelli/](https://libgen.gs/get.php?md5=31ef8ff7d9f354f0217ab5918df4fb96&key=7Q875LU8FZZ6G3OP&doi=10.0000/archive.org/details/5-g-technology-and-induction-of-coronavirus-in-skin-cells-m.-fioranelli/)

June 10th 2020 Undercover Nurse Confirms Covid 19 Criminal Hoax

<https://ia803405.us.archive.org/28/items/2020-jun-10-new-york-undercover-nurse-confirms-covid-19-criminal-hoax/2020%20JUN%2010%20New%20York%20Undercover%20Nurse%20Confirms%20COVID%2019%20Criminal%20Hoax.ia.mp4>

June 10, 2020 Sars Cov 2 is mutating slowly, and that's a good thing

<https://medicalxpress.com/news/2020-06-sars-cov-mutating-slowly-good.html>

Lecture 6, 9 minutes, 30 seconds <https://archive.org/details/vaccine-6>

June 11th 2020 Compassionate Use of Remdesivir for Patients with Severe Covid-19

https://www.scienceopen.com/document_file/0b4f7389-fd7a-45b7-9324-3e5e6b432fd7/PubMedCentral/0b4f7389-fd7a-45b7-9324-3e5e6b432fd7.pdf

SAFETY

A total of 32 patients (60%) reported adverse events during follow-up (Table 2). The most common adverse events were increased hepatic enzymes, diarrhea, rash, renal impairment, and hypotension. In general, adverse events were more common in patients receiving invasive ventilation. A total of 12 patients (23%) had serious adverse events. The

most common serious adverse events — multiple-organ-dysfunction syndrome, septic shock, acute kidney injury, and hypotension — were reported in patients who were receiving invasive ventilation at baseline.

Four patients (8%) discontinued remdesivir treatment prematurely: one because of worsening of preexisting renal failure, one because of multiple organ failure, and two because of elevated aminotransferases, including one patient with a maculopapular rash.

June 11th 2020 “Abandoned” Nursing Homes Continue to Face Critical Supply and Staff Shortages as COVID-19 Toll Has Mounted

<https://web.archive.org/web/20200629092425/https://jamanetwork.com/journals/jama/fullarticle/2767282>

“May 18 [recommendations](#) from the Centers for Medicare & Medicaid Services (CMS) aim to direct state and local officials in relaxing restrictions for the nation’s more than [15 000 nursing homes](#), whose [1.3 million](#) residents are locked down without visitors, communal meals, or group activities. They call for having adequate PPE on hand and regularly testing staff and residents for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) before ending lockdowns.”

“According to the Kaiser Family Foundation, states [reported](#) more than 217 000 COVID-19 cases and almost [44 000 deaths in nursing homes](#), assisted living, and other aging care facilities by early June, representing at [least 40%](#) of total US deaths. And in 26 [states, at least 50% of COVID-19 deaths were in long-term care facilities as of May 28.](#)”

13 June 2020 Coronavirus: Unlawful do not resuscitate orders imposed on people with learning disabilities

<https://www.independent.co.uk/news/health/coronavirus-do-not-resuscitate-dnr-learning-disabilities-turning-point-a9561201.html>

June 16th 2020 Scientists hail dexamethasone as 'major breakthrough' in treating coronavirus

<https://web.archive.org/web/20200616144333/https://www.cnn.com/2020/06/16/steroid-dexamethasone-reduces-deaths-from-severe-covid-19-trial.html>

Dexamethasone

<https://www.drugs.com/dexamethasone.html>

Before taking this medicine

You should not use dexamethasone if you are allergic to it, or if you have:

- a fungal infection anywhere in your body.

To make sure you can safely take dexamethasone, tell your doctor if you have ever had:

- liver disease (such as [cirrhosis](#));
- kidney disease;
- a thyroid disorder;
- [malaria](#);
- [tuberculosis](#);
- [osteoporosis](#);
- a muscle disorder such as [myasthenia gravis](#);
- diabetes (steroid medicine may increase glucose levels in your blood or urine);
- [glaucoma](#) or cataracts;
- herpes infection of the eyes;
- stomach ulcers, ulcerative [colitis](#), [diverticulitis](#), [inflammatory bowel disease](#);
- [depression](#) or mental illness;
- congestive [heart failure](#); or
- [high blood pressure](#).

Corticosteroid Adverse Effects

<https://www.ncbi.nlm.nih.gov/books/NBK531462/>

a Replacement Therapy

- Adrenocortical insufficiency (Addison disease)
- Congenital adrenal hyperplasia (CAH)

Systemic Symptomatic Treatment

Acute

- Allergic reactions and anaphylactic shock (vasoconstrictive effects)
- Asthma (bronchodilatory effects)
- Antiemetic treatment, for example, nausea due to chemotherapy)
- Toxic pulmonary edema
- Acute exacerbation of autoimmune diseases such as multiple sclerosis, vitiligo, uveitis, rheumatoid arthritis, SLE, etc.
- Acute exacerbation of chronic obstructive pulmonary disease (COPD)
- Cerebral edema: Recommended only in specific conditions like elevated intracranial pressure due to the neoplasm or central nervous system (CNS) infection; generally avoided in moderate to severe brain injury

Long-Term

- Chronic inflammatory diseases (asthma, chronic obstructive pulmonary disease, inflammatory bowel disease)
- Rheumatic diseases (sarcoidosis, Sjogren syndrome, SLE)
- Graves' ophthalmopathy
- Local symptomatic treatment: anterior uveitis, steroid-responsive dermatoses (SRD), tenosynovitis, and osteoarthritis or juvenile idiopathic arthritis

Budesonide

<https://www.drugs.com/mtm/budesonide.html>

Before taking this medicine

You should not use budesonide if you are allergic to it.

Tell your doctor if you have or ever had:

- [tuberculosis](#);
- any type of infection caused by bacteria, virus, fungus, or parasites especially [chickenpox](#) or measles;
- high blood pressure;
- a weak immune system (caused by disease or by using certain medicines);
- [osteoporosis](#) or low bone mineral density;
- a [stomach ulcer](#);
- eczema;

- plan to have a surgery;
- any allergies;
- diabetes, cataracts, or glaucoma (in you or a family member); or
- [liver disease](#).

April 9th 2021 Inhaled budesonide in the treatment of early COVID-19 (STOIC): a phase 2, open-label, randomised controlled trial

<https://www.thelancet.com/action/showPdf?pii=S2213-2600%2821%2900160-04>

April 12th 2021 Covid-19: Budesonide shortens recovery time in patients not admitted to hospital, study finds

<https://www.bmj.com/content/bmj/373/bmj.n957.full.pdf>

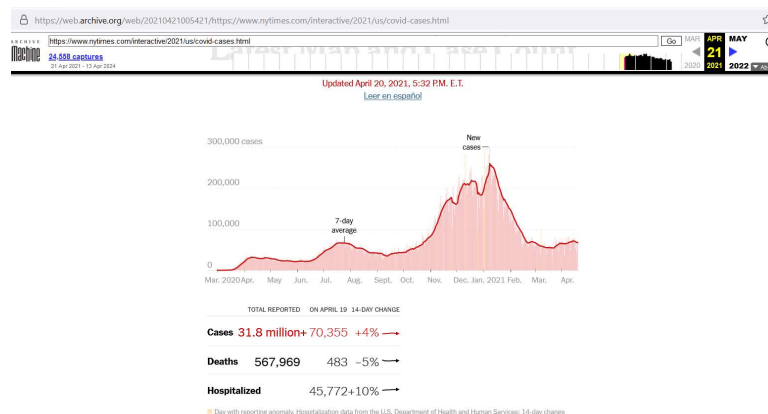
July 2nd 2020 Stanford doctor: Coronavirus fatality rate for people under 45 ‘almost 0%’

<https://www.washingtonexaminer.com/news/925837/stanford-doctor-coronavirus-fatality-rate-for-people-under-45-almost-0/>

“The death rate in a given country depends a lot on the age structure, who are the people infected, and how they are managed,” Ioannidis said. “For people younger than 45, the infection fatality rate is almost 0%. For 45 to 70, it is probably about 0.05%-0.3%. For those above 70, it escalates substantially.”

0.0178606603773585 × 100 =
1.786066037735849

1.78% Death Rate



June 25th The NIH claims joint ownership of Moderna's coronavirus vaccine

<https://www.axios.com/2020/06/25/moderna-nih-coronavirus-vaccine-ownership-agreements>

Little known NIH regulations let agency scientists collect up to [\\$150,000.00 annually in royalties](#) from vaccines upon which they worked. These rules are recipes for regulatory corruption.

<https://www.law.cornell.edu/uscode/text/15/3710c>

“Payments made under this section shall not exceed \$150,000 per year to any one person, unless the President approves a larger award (with the excess over \$150,000 being treated as a Presidential award under [section 4504 of title 5](#)”

June 27th 2020 **COVID19 PCR Tests are Scientifically Meaningless**

https://off-guardian.org/2020/06/27/covid19-pcr-tests-are-scientifically-meaningless/?fbclid=IwAR0OFMLQ-oW85YSrDczm8rjLC1cCJmJ4lIoW3_-PIYYJRypsmgh2CH8fJ4

June 30th, 2020 **FDA will require a covid-19 vaccine be at least 50 percent more effective than a placebo**

<https://web.archive.org/web/20200630174944/https://www.washingtonpost.com/health/2020/06/30/coronavirus-vaccine-approval-fda/>

July 8th 2020 **Study links fermented vegetable consumption to low COVID-19 mortality**

<https://web.archive.org/web/20200710232504/https://www.news-medical.net/news/20200708/Study-links-fermented-vegetable-consumption-to-low-COVID-19-mortality.aspx>

July 10th 2020 **Anatomy Of A COVID-19 Conspiracy Theory**

<https://www.npr.org/2020/07/10/889037310/anatomy-of-a-covid-19-conspiracy-theory>

“A [Pew Research Center survey](#) recently asked people if they had heard the theory that the COVID-19 outbreak was intentionally planned by people in power. Seventy-one percent of U.S. adults said they had. And a third of those respondents said it was "definitely" or "probably" true.

One version of this theory goes something like this: The COVID-19 pandemic is part of a strategy conceived by global elites — such as Bill Gates — to roll out vaccinations with tracking chips that would later be activated by 5G, the technology used by cellular networks.”

July 11th, 2020 81 Percent of Clinical Trial Volunteers Suffer Reactions to CanSino Biologics' COVID-19 Vaccine That Uses HEK293 Human Fetal Cell Lines

<https://web.archive.org/web/20200712030433/https://thevaccinereaction.org/2020/07/81-percent-of-clinical-trial-volunteers-suffer-reactions-to-cansino-biologics-covid-19-vaccine-that-uses-hek293-human-fetal-cell-lines/>

July 2020 Cytokine Storm in Covid-19: Current Evidence and Treatment Strategies

<https://www.frontiersin.org/articles/10.3389/fimmu.2020.01708/full>

September 7th 2006 Cytokine Storm in a Phase 1 Trial of the Anti-CD28 Monoclonal Antibody TGN1412

<https://www.nejm.org/doi/pdf/10.1056/NEJMoa063842>

May 2020 guidelines Covid 19 Treatment

<https://web.archive.org/web/20200512210100/https://files.covid19treatmentguidelines.nih.gov/guidelines/covid19treatmentguidelines.pdf>

December 2020 Guidelines Covid 19 Treatment

<https://web.archive.org/web/20201207174653/https://files.covid19treatmentguidelines.nih.gov/guidelines/covid19treatmentguidelines.pdf>

Evolving Knowledge on Treatment for COVID-19

Currently, remdesivir, an antiviral agent, is the only Food and Drug Administration-approved drug for COVID-19. There is an array of drugs approved for other indications, as well as multiple investigational agents, that are being studied for the treatment of COVID-19 in clinical trials around the globe. These trials can be accessed at [ClinicalTrials.gov](https://clinicaltrials.gov). In addition, providers can access and prescribe investigational drugs or agents that are approved or licensed for other indications through various mechanisms, including Emergency Use Authorizations (EUAs), Emergency Investigational New Drug (EIND) applications, compassionate use or expanded access programs with drug manufacturers, and/or off-label use.

Vitamin D

Last Updated: July 17, 2020

Considerations for Certain Concomitant Medications in Patients with COVID-19

Last Updated: July 30, 2020

Summary Recommendations

Angiotensin-Converting Enzyme (ACE) Inhibitors and Angiotensin Receptor Blockers (ARBs)

- Persons with COVID-19 who are prescribed ACE inhibitors or ARBs for cardiovascular disease (or other indications) should continue these medications (AIII).
- The COVID-19 Treatment Guidelines Panel (the Panel) **recommends against** the use of ACE inhibitors or ARBs for the treatment of COVID-19, except in a clinical trial (AIII).

Corticosteroids

For management of COVID-19

- On the basis of the preliminary report from the Randomised Evaluation of COVID-19 Therapy (RECOVERY) trial, the COVID-19 Treatment Guidelines Panel (the Panel) **recommends using dexamethasone 6 mg per day for up to 10 days** for the treatment of COVID-19 in patients who are mechanically ventilated (AI) and in patients who require supplemental oxygen but who are not mechanically ventilated (BI).
- The Panel **recommends against using dexamethasone** for the treatment of COVID-19 in patients who do not require supplemental oxygen (AI).
- If dexamethasone is not available, the Panel recommends using alternative glucocorticoids such as **prednisone, methylprednisolone, or hydrocortisone** (AIII).
- See [Corticosteroids](#) for a detailed discussion of these recommendations.

For patients on chronic corticosteroids

No Reference to Budesonide or Glutathione in all guidelines despite medical literature already published

July 16th 2020 Liver injury in remdesivir-treated COVID-19 patients

<https://sci-hub.ru/10.1007/s12072-020-10077-3>

July 17th 2020 **With coronavirus antibodies fading fast, vaccine hopes fade, too**

<https://web.archive.org/web/20200717143834/https://www.sfchronicle.com/health/article/With-coronavirus-antibodies-fading-fast-focus-15414533.php>

July 17th 2020 Mt. Juliet man says even with no test, he's informed he is COVID-19 positive by state

https://web.archive.org/web/20200910051312/https://www.wsmv.com/news/mt-juliet-man-says-even-with-no-test-he-s-informed-he-is-covid-19/article_f8cf60e6-c886-11ea-8ae0-4ffb48dc9a46.html?fbclid=IwAR0aziBj7n8O06vW-iXby0i32yCuG77814CjmfJcEWkQitkl5YaWkQePtcI

July 20th 2020 Hospitals in COVID-19 hotspots to receive \$10 billion more in federal aid \ HFMA

<https://www.hfma.org/payment-reimbursement-and-managed-care/the-new-round-will-pay-50-000-per-covid-19-admission-compared/>

More than 1,000 hospitals in high-impact areas will get a share of \$10 billion in new federal assistance.

- **The new payments will be \$50,000 per COVID-19 admission, less than the \$77,000 in an earlier round.**

July 20th 2020 Loss of food fermentation in Westernized diet: a risk factor for severe COVID-19?

https://d197for5662m48.cloudfront.net/documents/publicationstatus/43185/preprint_pdf/00f90cf8f98c2f6dde24e5818d94e2e3.pdf

Covid Risk Calculator:

<https://www.qcovid.org/>

July 23rd, 2020 Floridians say they're being told they're positive for COVID-19 without being tested

<https://winknews.com/2020/07/23/floridians-say-theyre-being-told-theyre-positive-for-covid-19-without-being-tested/>

July 27th 2020 America's Frontline Doctors Summit first released

<https://web.archive.org/web/20200728130946/https://www.bitchute.com/video/zr04GsUupOwk/>

July 28th, 2020 **America's Frontline Doctors Summit COVID-19 Video Called 'False Information'**

<https://web.archive.org/web/20200728194845/https://heavy.com/news/2020/07/americas-frontline-doctors-website-expired-down/>

July 28th, 2020 **America's Frontline Doctors' Website Expired: Squarespace Site Down**

<https://web.archive.org/web/20200728194845/https://heavy.com/news/2020/07/americas-frontline-doctors-website-expired-down/>

July 29th 2020 Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/all.14549>

August 2nd 2020 Scientists worry about political influence over Covid Vaccine

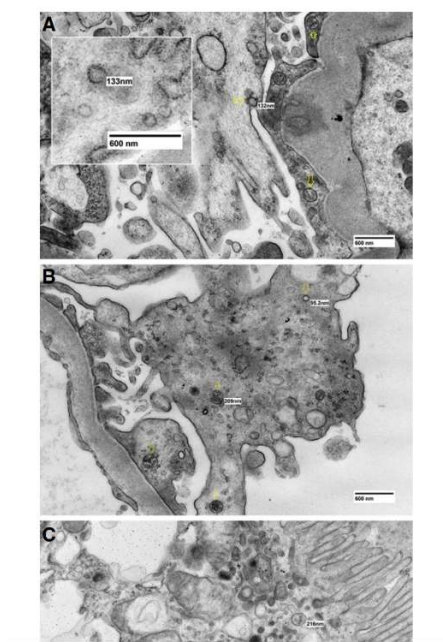
<https://web.archive.org/web/20200803002342/https://www.nytimes.com/2020/08/02/us/politics/coronavirus-vaccine.html>

August 3rd, 2020 Clinical Guideline for Symptom Control for patients with COVID-19
(Midazolam, Palliative care drug Later)

https://www.bsuh.nhs.uk/library/wp-content/uploads/sites/8/2020/03/Covid66_Covid-19-Symptom-control-at-BSUH.pdf

August 2020 Appearances Can Be Deceiving - Viral-like Inclusions in COVID-19 Negative Renal Biopsies by Electron Microscopy

<https://europepmc.org/backend/ptpmcrender.fcgi?accid=PMC8815743&blobtype=pdf>



August 24th 2020 All 77 false-positive COVID-19 tests come back negative upon reruns

<https://www.nfl.com/news/all-77-false-positive-covid-19-tests-come-back-negative-upon-reruns>

August 27th 2020 KEI Research Note: Moderna failures to disclose DARPA funding in patented inventions

<https://www.keionline.org/wp-content/uploads/RN-2020-3.pdf>

August 30th 2020 Treatments in Covid-19 patients with pre-existing metabolic dysfunction-associated fatty liver disease: A potential threat for drug- induced liver injury?

<https://sci-hub.ru/10.1016/j.biochi.2020.08.018>

September 1st 2020 Core-shell structure polyethylene glycol functionalized graphene for energy-storage polymer dielectrics: Combined mechanical and dielectric performances

https://www.sinopeg.com/core-shell-structured-polyethylene-glycol-functionalized-graphene-for-energy-storage-polymer-dielectrics-combined-mechanical-and-dielectric-performances_n28

https://www.sinopeg.com/core-shell-structured-polyethylene-glycol-functionalized-graphene-for-energy-storage-polyme-dielectrics-combined-mechanical-and-dialectric-performancce_n28

Ralph Baric Patient Holder for Spike Protein Conflict of interest

https://www.nejm.org/doi/suppl/10.1056/NEJMoa2024671/suppl_file/nejmoa2024671_disclosures.pdf

MJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Ialiph	2. Surname (Last Name) Baric	3. Date 31-July-2020
4. Are you the corresponding author? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Corresponding Author's Name Barney Graham
5. Manuscript Title Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates		
6. Manuscript Identifying Number (if you know it) 10-24671		

Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

Are there any relevant conflicts of interest? ☒ Yes ☐ No

September 9th, 2020 The Contagion Myth is published by Tom Cowan and Sally Fallon Morrell

https://archive.org/details/the-contagion-myth-why-viruses-including-coronavirus-are-not-the-cause-of-diseas_202307/page/n9/mode/2up

September 11th, 2020 Diagnostic testing for SARS-CoV-2 Interim guidance 11 September 2020

<https://web.archive.org/web/20210123175506/https://apps.who.int/iris/bitstream/handle/10665/334254/WHO-2019-nCoV-laboratory-2020.6-eng.pdf?sequence=1&isAllowed=y>

Respiratory specimens

- **Upper respiratory specimens** are adequate for testing early-stage infections, especially in asymptomatic or mild cases. Testing combined nasopharyngeal and oropharyngeal swabs from one individual has been shown to increase sensitivity for detection of respiratory viruses and improve the reliability of the result [60, 86, 112-114]. Two individual swabs can be combined in one collection tube or a combined nasopharyngeal and oropharyngeal swab can be taken [115]. A few studies have found that individual nasopharyngeal swabs yield a more reliable result than oropharyngeal swabs [40, 75, 76, 114].

Testing for SARS-CoV-2

Nucleic acid amplification test (NAAT)

Wherever possible, suspected active SARS-CoV-2 infections should be tested with NAAT, such as rRT-PCR. NAAT assays should target the SARS-CoV-2 genome. Since there is currently no known circulation of SARS-CoV-1 globally, a sarbecovirus-specific sequence is also a reasonable target. For commercial assays, interpretation of results should be done according to the instructions for use. **Optimal diagnostics consist of a NAAT assay with at least two independent targets on the SARS-CoV-2 genome, however, in areas with widespread transmission of SARS-CoV-2, a simple algorithm might be adopted with one single discriminatory target.** When using a one-target assay, it is recommended to have a strategy in place to monitor for mutations that might affect performance. For more details, see section below on “Background information on monitoring for mutations in primer and probe regions”.

September 11th 2020 Community and Close Contact Exposures Associated with COVID-19 Among Symptomatic Adults ≥ 18 Years in 11 Outpatient Health Care Facilities United States, July 2020

https://www.cdc.gov/locs/2021/07-21-2021-lab-alert-Changes_CDC_RT-PCR_SARS-CoV-2_Testing_1.html

September 28 2020 New document reveals scope and structure of Operation Warp Speed underscores vast military involvement

<https://healthsecuritypartners.org/updates/new-document-reveals-scope-and-structure-of-operation-warp-speed-and-underscores-vast-military-involvement-stat>

September 29, 2020 How Operation Warpspeed’s big vaccine contracts could stay secret

<https://www.npr.org/sections/health-shots/2020/09/29/917899357/how-operation-warp-speeds-big-vaccine-contracts-could-stay-secret>

Lecture 3 - <https://archive.org/details/3.-vaccine-3>

August 1st, 2020 Anti-PEG antibodies: Properties, formation, testing and role in adverse immune reactions to PEGylated nano-biopharmaceuticals

[https://linkinghub.elsevier.com/retrieve/pii/S0169-409X\(20\)30108-3](https://linkinghub.elsevier.com/retrieve/pii/S0169-409X(20)30108-3)

August 20th, 2020 A Phase 3, Randomized, Stratified, Observer-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and

Immunogenicity of mRNA-1273 SARS-CoV-2 Vaccine in Adults Aged 18 Years and Older

<https://cerclecoalition.org/wp-content/uploads/2020/09/mRNA-1273-P301-Protocol-2020.pdf>

h

(ELISA) is being used to measure vaccine-induced binding immunoglobulin (IgG) antibodies (bAbs) to the full-length SARS-CoV-2 spike protein. Multiple assays are being used to measure the neutralizing antibody titers (nAbs) of mRNA-1273. In Study 101, nAbs were assessed by pseudotyped lentivirus reporter single-round-of-infection neutralization assay (PsVNA) (performed at the NIAID Vaccine Research Center) and by live wild-type SARS-CoV-2 virus plaque-reduction neutralization test (PRNT) assay (performed at the Vanderbilt University Medical Center). In later phases of development, nAbs have been measured by a microneutralization (MN) assay. Study 101 also evaluated the induction of CD4+ and CD8+ T-cells. This was done through an Intracellular Cytokine Staining (ICS) assay. Serostatus at baseline was assessed with Roche's Elecsys Anti-SARS-CoV-2 antibody-based electro-chemiluminescence assay (past infection) and Viracor SARS-CoV-2 RT-PCR (current infection). Asymptomatic

<https://web.archive.org/web/20201031125944/https://www.fda.gov/media/143069/download>

PCR reaction mix. This allows for the simultaneous detection of internal extraction/amplification control DNA in a multiplex reaction for each sample. Fluorescence intensity for both SARS-CoV-2 amplification and internal control amplification is measured in individual wells during each of the 40 amplification cycles. A sample is considered positive when the signal intensity exceeds a predetermined baseline threshold value. The cycle number at which this occurs is referred to as the cycle threshold C_T . Detection of SARS-CoV-2 RNA in a sample is determined by the C_T value.

all specimens are repeated from extraction.

Table 3: Interpretation of Results For Internal, No Template, Negative and Positive Control Reactions

Control	Valid result ^a	Invalid result
Internal control (MS2)	$C_T \leq 35$	$C_T > 35$ ^{b, c}
No template control	No amplification signal detected	Amplification detected
RNase P control	$C_T \leq 40$	$C_T > 40$ ^{d, e}
Negative control	No amplification signal detected	Amplification detected
Positive amplification curve control (low)	C_T 23 – 27	$C_T < 23$ or > 27
Positive amplification curve control (high)	C_T 9.7 – 13.7	$C_T < 9.7$ or > 13.7
Positive control (low)	C_T 26.79 – 29.73	$C_T < 26.79$ or > 29.73
Positive control (high)	C_T 20.21 – 23.03	$C_T < 20.21$ or > 23.03

^aPatient results can only be interpreted if all control reactions generate valid results.

^bIn clinical specimens with SARS-CoV-2 target “Not detected” (i.e. $C_T > 38$), results are invalid when internal control MS2 C_T values are > 35 .

^cIn clinical specimens with SARS-CoV-2 target “Detected” (i.e. $C_T \leq 38$), internal control MS2 C_T values are not interpreted.

Real-time RT-PCR result	Reported result
$C_T > 38$	SARS-CoV-2 RNA “Not Detected”
$C_T \leq 38$	SARS-CoV-2 RNA “Detected”

George

Table 5: Interpretation of Results from Pooled Specimens

Real-time RT-PCR result	Reported result
$C_T > 40$	SARS-CoV-2 RNA “Not Detected”
$C_T \leq 40$	SARS-CoV-2 RNA “Detected” ¹

The analytical sensitivity of Viracor SARS-CoV-2 RT-PCR test was determined in Limit of Detection (LoD) studies. Since no quantified viral isolates of SARS-CoV-2 were available for testing*, stocks of 1.5 kb *in vitro* transcribed (IVT) RNA of the SARS-CoV-2 N gene (positions 28061 – 29533 of GenBank accession NC_045512.2) were used for spiking into clinical samples negative for SARS-CoV-2. These samples included BAL, nasal wash, and nasopharyngeal swab matrices. The

ation nL)	Bronchoalveolar lavage		Nasal wash		Nasopharynx
	No. pos./ No. tested	C _T mean (SD ¹)	No. pos./ No. tested	C _T mean (SD)	No. pos./ No. tested
	3/3	33.40 (0.42)	3/3	33.82 (0.31)	3/3
	3/3	34.64 (0.41)	3/3	34.88 (0.35)	3/3
	3/3	37.68 (2.75)	3/3	35.58 (0.82)	3/3
	3/3	36.84 (1.39)	3/3	37.02 (0.51)	3/3
	1/3	NT A 2	2/3	NT A	2/3

as the following.

- At least two of the following systemic symptoms: fever $\geq 38.0^{\circ}\text{C}/100.4^{\circ}\text{F}$, chills, myalgia, headache, sore throat, new olfactory or taste disorder; OR
- At least one of the following respiratory signs/symptoms: cough, shortness of breath or difficulty breathing; OR clinical or radiographical evidence of pneumonia; AND
- Documentation of at least one NP swab, nasal swab, or salivary sample (or respiratory sample, if hospitalized) positive for SARS-CoV-2 virus by reverse transcriptase polymerase chain reaction (RT-PCR).

Information on severity of COVID-19 infection was obtained. To meet the protocol case definition for the secondary efficacy endpoint of severe COVID-19 disease, the participant had to meet the case definition for COVID-19 disease and one of the following criteria had to be met:

- Clinical signs of severe systemic illness, respiratory rate ≥ 30 breaths per minute, heart rate ≥ 125 beats per minute, $\text{SpO}_2 \leq 93\%$ on room air at sea level or $\text{PaO}_2/\text{FiO}_2 < 300$ mm Hg; OR

infection status and baseline serostatus, respectively. Only participants who were negative at their pre-dose 1 NP swab and serological sample were included in the primary analysis of efficacy. To be included as a case in the primary analysis for efficacy, cases had to be positively confirmed by the adjudication committee and had to occur at least 14 days after the second injection.

The primary efficacy endpoint was symptomatic COVID-19 disease, which was defined as the following:

- At least two of the following systemic symptoms: fever $\geq 38.0^{\circ}\text{C}/100.4^{\circ}\text{F}$, chills, myalgia, headache, sore throat, new olfactory or taste disorder; OR
- At least one of the following respiratory signs/symptoms: cough, shortness of breath or difficulty breathing; OR clinical or radiographical evidence of pneumonia; AND
- Documentation of at least one NP swab, nasal swab, or salivary sample (or respiratory sample, if hospitalized) positive for SARS-CoV-2 virus by reverse transcriptase polymerase chain reaction (RT-PCR).

Information on severity of COVID-19 infection was obtained. To meet the protocol case definition for the secondary efficacy endpoint of severe COVID-19 disease, the participant had to meet the case definition for COVID-19 disease and one of the following criteria had to be met:

All pregnant Women Excluded

infection, defined as adults whose locations or circumstances put them at appreciable risk of exposure to SARS-CoV-2 and COVID-19.

- Female participants of nonchildbearing potential and female participants of childbearing potential who fulfill the following criteria:
 - Has a negative pregnancy test at Screening and on the day of the first injection (Day 1).
 - Has practiced adequate contraception or has abstained from all activities that could result in pregnancy for at least 28 days prior to the first injection (Day 1).
 - Has agreed to continue adequate contraception through 3 months following the second injection (Day 29).
 - Is not currently breastfeeding.

Key exclusion criteria include the following:

- Acutely ill or febrile ($\geq 38.0^{\circ}\text{C}/100.4^{\circ}\text{F}$) 72 hours prior to or at Screening.
- Pregnant or breastfeeding.
- Known history of SARS-CoV-2 infection.
- Prior administration of an investigational coronavirus (SARS-CoV, MERS-CoV) vaccine or current/planned simultaneous participation in another interventional study to prevent or treat COVID-19.
- Immunosuppressive or immunodeficient state, asplenia, recurrent severe infections (HIV-positive participants on stable antiretroviral therapy are not excluded).

A full list of enrollment criteria is provided in Appendix 11.1.

Approximately 30,000 participants were planned to be randomized.

Analyses Populations

Efficacy analyses were performed using the FAS and PP populations. Participants were analyzed according to the group to which they were randomized. Participant populations were defined as follows:

- FAS: All randomized participants who received at least one injection of IP.

• PP: All participants in the MITT Set who received planned injections of IP as

Reason for discontinuation of study vaccine/placebo	FAS (n, %)	PP (n, %)	PP (n, %)	PP (n, %)
Adverse event	24 (0.2)	28 (0.2)	29 (0.2)	25 (0.2)
Serious adverse event	5 (< 0.1)	14 (< 0.1)	9 (< 0.1)	15 (< 0.1)
Death	3 (< 0.1)*	2 (< 0.1)	2 (< 0.1)*	3 (< 0.1)
Lost to follow-up	18 (0.1)	20 (0.1)	27 (0.2)	24 (0.2)
Physician decision	15 (< 0.1)	10 (< 0.1)	15 (< 0.1)	9 (< 0.1)
Pregnancy	2 (< 0.1)	2 (< 0.1)	3 (< 0.1)	2 (< 0.1)
Protocol deviation	2 (< 0.1)	4 (< 0.1)	3 (< 0.1)	5 (< 0.1)
Withdrawal of consent by participant	48 (0.3)	91 (0.6)	56 (0.4)	97 (0.6)
Due to SARS-CoV-2 ^c	35 (0.2)	49 (0.3)	45 (0.3)	68 (0.5)
Other	36 (0.2)	34 (0.2)	44 (0.3)	41 (0.3)
Completed study ^a	0	0	0	0
Discontinued from study	120 (0.8)	168 (1.1)	159 (1.0)	206 (1.4)
Reason for discontinuation of study				
Adverse event	2 (< 0.1)	0	4 (< 0.1)	1 (< 0.1)
Serious adverse event	1 (< 0.1)	0	3 (< 0.1)	2 (< 0.1)
Death	3 (< 0.1)	4 (< 0.1)	4 (< 0.1)	6 (< 0.1)
Lost to follow-up	20 (0.1)	31 (0.2)	33 (0.2)	35 (0.2)
Physician decision	17 (0.1)	2 (< 0.1)	15 (< 0.1)	3 (< 0.1)
Pregnancy	0	0	0	0
Protocol deviation	1 (< 0.1)	1 (< 0.1)	1 (< 0.1)	0
Study terminated by Sponsor	0	0	0	0
Withdrawal of consent by participant	67 (0.4)	120 (0.8)	85 (0.6)	146 (1.0)
Other	9 (< 0.1)	10 (< 0.1)	14 (< 0.1)	13 (< 0.1)

^a EUA submission (interim efficacy analysis)

^b Primary efficacy analysis

^c Study participants were considered ineligible to receive injection 2 if they were diagnosed with asymptomatic SARS-CoV-2 at Day 1 or symptomatic COVID-19 prior to Day 29.

^d Participants were considered to have completed the study if they completed the final visit at Day 759 (Month 25), 24 months after the last injection of IP.

*During data cleaning, the reason for discontinuation of 1 mRNA-1273 participant was updated from 'death' to 'SAE'.

**During data cleaning, the reason for discontinuation of 1 placebo participant was updated from 'SAE' to 'death'.

No explanation why

October 2020 Great Barrington Declaration

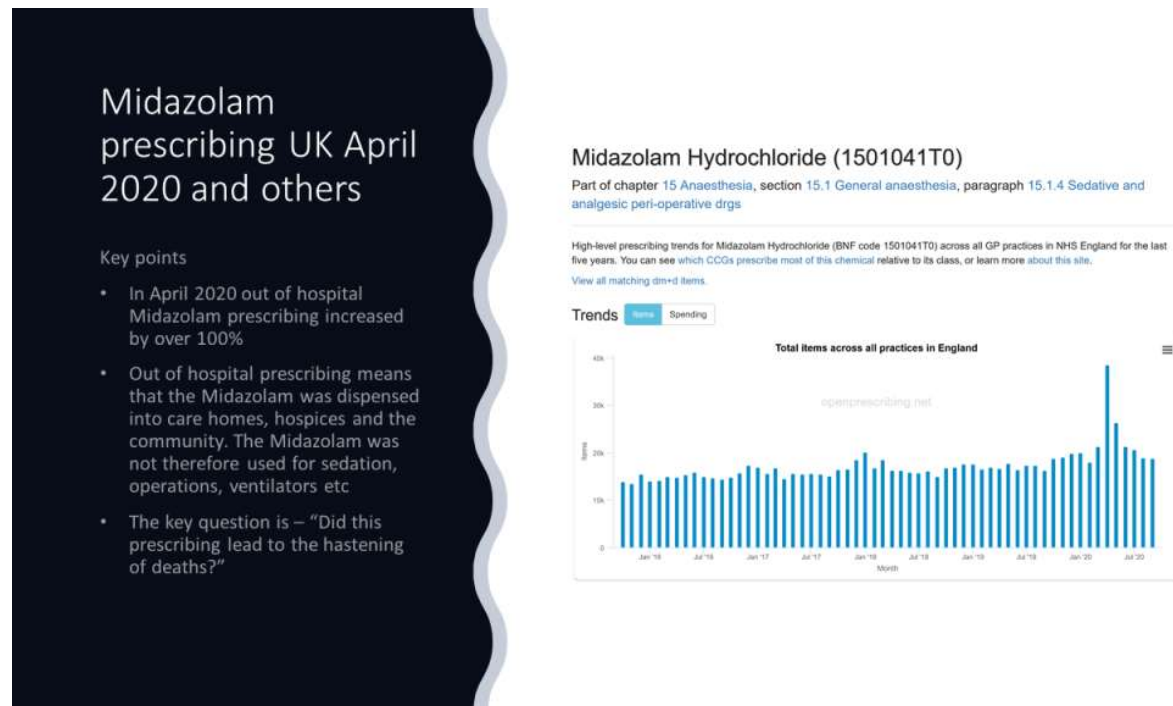
<https://gbdeclaration.org/#read>

<https://gbdeclaration.org/view-signatures/>

October 1st 2020 Coronavirus: Drugs Question for Department of Health and Social Care

<https://questions-statements.parliament.uk/written-questions/detail/2020-10-01/98182>

<https://i0.wp.com/expose-news.com/wp-content/uploads/2022/01/22-aa.png?resize=1024%2C576&ssl=1>



October 4, 2020 **UK: Older people in care homes abandoned to die amid government failures during COVID-19 pandemic**

<https://www.amnesty.org/en/latest/press-release/2020/10/uk-older-people-in-care-homes-abandoned-to-die-amid-government-failures-during-covid-19-pandemic/>

October 7, 2020 **Coronavirus: Health experts join global anti-lockdown movement**

<https://www.bbc.com/news/health-54442386>

October 9th 2020 86 percent of the UK's Covid-19 patients have no symptoms

<https://www.news-medical.net/news/20201009/86-percent-of-the-UKs-COVID-19-patients-have-no-symptoms.aspx>

<https://www.cnbc.com/2020/10/08/more-than-80percent-of-people-with-coronavirus-had-no-symptoms-uk-study.html>

10/10/2020 WHO official urges world leaders to stop using lockdowns as primary virus control method

<https://www.washingtonexaminer.com/news/1020004/who-official-urges-world-leaders-to-stop-using-lockdowns-as-primary-virus-control-method/>

October 14th 2020 CQC to review blanket DNR orders during pandemic - Pulse Today

<https://www.pulsetoday.co.uk/news/regulation/cqc-to-review-blanket-do-not-resuscitate-orders/>

October 14th, 2020 Safety and Immunogenicity of Two RNA-Based Covid-19 Vaccine Candidates

<https://www.nejm.org/doi/pdf/10.1056/NEJMoa2027906>

October 21st 2020 Ct values from SARS-CoV-2 diagnostic PCR assays should not be used as direct estimates of viral load

<https://sci-hub.ru/10.1016/j.jinf.2020.10.017>

October 22nd, 2020 Covid-19: Vaccine trials need more transparency to enable scrutiny and earn public trust, say experts

<https://www.bmj.com/content/bmj/371/bmj.m4042.full.pdf>

October 26th 2020 The COVID-19 pandemic could fuel a hunger pandemic as food insecurity worsens

<https://fortune.com/2020/10/26/covid-19-hunger-food-insecurity-coronavirus/>

October 30th 2020 CBER Plans for Monitoring COVID-19 Vaccine Safety and Effectiveness

<https://dn720001.ca.archive.org/0/items/fda-side-effects-covid-vaccine-anderson-508/FDA%20Side%20Effects%20COVID%20Vaccine%20-Anderson-508.pdf>

November 11th 2020 Coroner refuses to rule COVID-19 as cause of death of six-week-old baby after Connecticut governor claimed toddler was 'youngest coronavirus victim in the world'

<https://www.dailymail.co.uk/news/article-8193487/Coroner-refuses-rule-COVID-19-cause-death-six-week-old-Connecticut-baby.html>

November 20th, 2020 Fact Check on Neil Ferguson rates claims as “false”

<https://theferret.scot/fact-check-neil-ferguson-covid-19-predictions/>

November 24th, 2020 Moderna boss says COVID-19 vaccine not proven to stop spread of virus

<https://nypost.com/2020/11/24/moderna-boss-says-covid-shot-not-proven-to-stop-virus-spread/>

November 2020 The Impact Of The COVID-19 Pandemic On Hospital Admissions In The United States

<https://web.archive.org/web/20220717115521/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7769002/pdf/nihms-1655203.pdf>

“of approximately one million medical admissions from a large, nationally representative hospitalist group, we found that declines in non-COVID-19 admissions from February to April 2020 were generally similar across patient demographic subgroups and exceeded 20 percent for all primary admission diagnoses. By late June/early July 2020, overall non-COVID-19 admissions had rebounded to 16 percent below prepandemic baseline volume (8 percent including COVID-19 admissions). Non-COVID-19 admissions were substantially lower for patients residing in majority-Hispanic neighborhoods (32 percent below baseline) and remained well below baseline for patients with pneumonia (–44 percent), chronic obstructive pulmonary disease/asthma (–40 percent), sepsis (–25 percent), urinary tract infection (–24 percent), and acute ST-elevation myocardial infarction (–22 percent).”

November 30th 2020 A phase 1/2/3/ Placebo Controlled Randomized Observer Blind Dose-finding study to evaluate the safety tolerability immunogenicity and efficacy Sars Cov 2 Vaccine Candidates against Covid-19

Protocol- <https://s3.documentcloud.org/documents/7212814/C4591001-Clinical-Protocol.pdf>

Actual study - ><https://www.fda.gov/media/144245/download>

- Based on two months of exposure in more than 15,000 participants, mRNA-1273 demonstrated an acceptable tolerability profile with no significant safety concerns.
- In Study 301, solicited local and systemic ARs were common in participants who received mRNA-1273 compared with placebo, and systemic ARs were more common after the second injection.
- Solicited systemic ARs were more common in participants who received mRNA-1273 compared with placebo. The majority of these solicited systemic ARs were mild to moderate in severity.
- The majority of solicited local and systemic reactions also occurred within the first 1 to 2 days after administration of IP and resolved within a median of 2 to 3 days or less.
- The overall incidence of unsolicited AEs and SAEs reported up to 28 days after

Moderna: Vaccine 15,180 15,170

Pfizer: Vaccine: 15, 184 Placebo: 15,156 30, 326

Total Vaccine: 30, 364

$350,000,000 / 30, 364 = 11,526$ people

8 billion people

Total global: 263,469

Life threatening events: Moderna: 19 between first and second injection /30,326 x 8 billion =

5,012,200 life threatening events if roughly equivalent to x19 higher

Lecture 7 59 minutes

<https://archive.org/details/vaccine-7>

December 1st, 2020 'Adverse event' has not affected timelines of COVID-19 vaccine trial:
Health Ministry

<https://web.archive.org/web/20201207024724/https://in.news.yahoo.com/adverse-event-not-affected-timelines-191912327.html>

What it redirects to now: <https://in.search.yahoo.com/?fr2=inr>

December 1st 2020 PETITION/MOTION FOR ADMINISTRATIVE/REGULATORY ACTION REGARDING CONFIRMATION OF EFFICACY END POINTS AND USE OF DATA IN CONNECTION WITH THE FOLLOWING CLINICAL TRIAL(S): PHASE III - EUDRACT NUMBER: 2020-002641-42 SPONSOR PROTOCOL NUMBER: C4591001

https://dn790000.ca.archive.org/0/items/syncytin-1-infertility-wodarg-yeadon-ema-petition-pfizer-trial-final-01-dec-2020/Syncytin_1_infertility_Wodarg_Yeadon_EMA_Petition_Pfizer_Trial_FINAL_01DEC2020_EN_unsigned_with_Exhibits.pdf

December 2nd, 2020 Repurposed Antiviral Drugs for Covid-19 —Interim WHO Solidarity Trial Results

<https://sci-hub.ru/10.1056/NEJMoa2023184>

December 4th 2020 **Pfizer CEO 'not certain' its Covid vaccine prevents transmission**
<https://www.dailymail.co.uk/health/article-9018547/Pfizer-CEO-not-certain-covid-shot-prevents-transmission.html>

Abortion Derived cell Lines used in Covid Vaccines

Lecture 5 – 1 hr 39 minutes <https://archive.org/details/vaccine-5>

December 5th 2020 Correlation Between 3790 Quantitative Polymerase Chain Reaction-Positives Samples and Positive Cell Cultures, Including 1941 Severe Acute Respiratory Syndrome Coronavirus 2 Isolates

(says date is June 2021 yet it is archived in December 2020)

<https://web.archive.org/web/20201205152219/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7543373/pdf/ciaa1491.pdf>

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/32986798/>

at 10 times more isolates than in our primary
 work (1941 vs 129) does not change
 significantly (Figure 1). It can be observed
 that at Ct = 25, up to 70% of patients re-
 main positive in culture and that at Ct = 30
 of this value drops to 20%. At Ct = 35, the
 re value we used to report a positive result
 ic, for PCR, <3% of cultures are positive. Our
 -2 Ct value of 35, initially based on the results

December 6th 2020 **Punishing the unvaccinated would be both immoral and unjustified**

<https://www.telegraph.co.uk/politics/2021/12/06/punishing-unvaccinated-would-immoral-unjustified/>

December 9th, 2020 2 UK healthcare workers experience severe allergic reactions from COVID vaccine

<https://www.fox32chicago.com/news/2-uk-healthcare-workers-experience-severe-allergic-reactions-from-covid-vaccine>

December 10th, 2020 The three groups of people advised not to get the Pfizer COVID vaccine

<https://web.archive.org/web/20201211145236/https://news.yahoo.com/coronavirus-3-groups-advised-not-pfizer-vaccine-114923030.html>

December 13th, 2020 CDC says people with history of severe allergic reactions can get Covid-19 vaccine

<https://web.archive.org/web/20201213213639/https://www.statnews.com/2020/12/13/cdc-says-people-with-history-of-severe-allergic-reactions-can-get-covid-19-vaccine/>

December 14th, 2020 ACOG: Pregnant Women Should Have Chance to Get COVID-19 Vaccine

<https://web.archive.org/web/20201215070845/https://www.usnews.com/news/health-news/articles/2020-12-14/pregnant-women-should-be-allowed-covid-vaccine-acog-says>

December 16th, 2020 Alaska Health Worker Had a Serious Allergic Reaction After Pfizer's Vaccine

<https://web.archive.org/web/20201216172148/https://www.nytimes.com/2020/12/16/health/covid-pfizer-vaccine-allergic-reaction.html>

December 17th, 2020 You can't sue Pfizer or Moderna if you have severe Covid vaccine side effects. The government likely won't compensate you for damages either

<https://www.cnbc.com/2020/12/16/covid-vaccine-side-effects-compensation-lawsuit.html>

Severe Allergic

Dec 17th 2020 Several COVID-19 vaccine recipients got Bell's palsy - FOX4KC.com

<https://fox4kc.com/news/several-covid-19-vaccine-recipients-got-bells-palsy-why-you-should-ignore-these-social-media-posts/>

December 2020 Remdesivir and Acute Renal Failure: A Potential Safety Signal From Disproportionality Analysis of the WHO Safety Databases

<https://sci-hub.ru/10.1002/cpt.2145>



December 2020 Tiffany Dover Collapse on TV

December 18th Fact Check says “not evidence of mass genocide”

<https://ia601800.us.archive.org/28/items/the-vaxxed-vs-unvaxxed-study/%20COVID%20-%20TIFFANY%20DOVER%20DEAD%20-%20Another%20Vaccine%20Casualty.mp4>

December 19, 2020 Moderna's Groundbreaking coronavirus vaccine was designed in just 2 days

<https://web.archive.org/web/20210109153105/https://www.businessinsider.com/moderna-designed-coronavirus-vaccine-in-2-days-2020-11?op=1>

December 19th 2020 FDA investigating allergic reactions to Pfizer vaccine reported in multiple states

<https://thehill.com/policy/healthcare/530966-fda-investigating-allergic-reactions-to-pfizer-vaccine-reported-in-multiple/>

December 19th 2020 COVID-19 Vaccines and Severe Allergic Reactions

“people who get a COVID-19 vaccine should be monitored on-site. People with a history of severe allergic reactions should be monitored for 30 minutes after getting the vaccine. All other people should be monitored for 15 minutes after getting the vaccine”

<https://web.archive.org/web/20201219203739/https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/allergic-reaction.html>

And yet..... <https://www.cdc.gov/vaccines/hcp/admin/mass-clinic-activities/curbside-vaccination-clinics.html>

Jan 12th 2021 Children apologize to their dying elders for spreading COVID-19 as L.A. County reels

<https://www.latimes.com/california/story/2021-01-12/children-apologizing-to-parents-grandparents-spreading-coronavirus-into-families-as-l-a-county-reels>

“Officials believe the current spike was driven in part by family gatherings around Thanksgiving and Christmas that allowed younger people, who were more likely to be out and about, to spread COVID-19 to their elders, who otherwise tended to stay home”

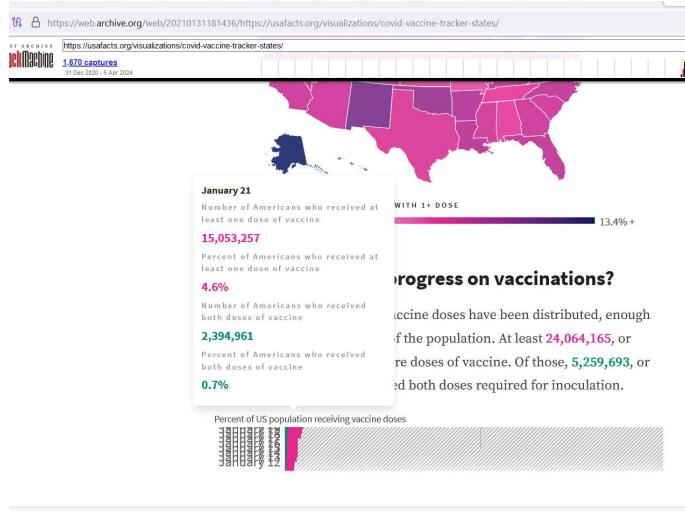
Japanese Study Pfizer Bio distribution “Pharmacokinetic study summary table”

https://ia800508.us.archive.org/21/items/pfizer-report-japanese-government-1/Pfizer-report_Japanese-government%281%29.pdf

<https://ia902305.us.archive.org/28/items/pfizer-confidential-translated/pfizer-confidential-translated.pdf>

Moderna’s timeline

Modernatx.com Lecture 5, 43 minutes, 24 sec



<https://archive.org/details/vaccine-5>

January 21st, 2021

January 2021 The Prevalence of Acute Kidney Injury in Patients Hospitalized With COVID-19 Infection: A Systematic Review and Meta-analysis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7723763/pdf/main.pdf>

“AKI complicated the course of nearly 1 in 3 patients hospitalized with COVID-19. The risk for AKI was higher in critically ill patients, with a substantial number receiving KRT at rates higher than the general ICU population. “

December 2015 Pizzorno—The Path Ahead The Kidney Dysfunction Epidemic, Part 1: Causes

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4718206/pdf/8-13.pdf>

December 2015 The Kidney Dysfunction Epidemic, Part 2: Intervention

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4818073/pdf/8-12.pdf>

January 6th, 2021 Young Doctor Left Paralyzed MINUTES After Taking Pfizer ‘Covid-19’ Vaccine in Mexico

<https://web.archive.org/web/20210106170237/https://humansarefree.com/2021/01/young-doctor-left-paralyzed-minutes-after-taking-pfizer-covid-19-vaccine-in-mexico.html>

January 10th, 2021 A Nursing Home had Zero Coronavirus Deaths. Then, It Vaccinates Residents for Coronavirus and the Deaths Begin.

<https://web.archive.org/web/20210110213848/http://www.ronpaulinstitute.org/archives/peace-and-prosperity/2021/january/10/a-nursing-home-had-zero-coronavirus-deaths-then-it-vaccinates-residents-for-coronavirus-and-the-deaths-begin/>

January 11th 2021 Comorbidities in SARS-CoV-2 Patients: a Systematic Review and Meta-Analysis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7885108/pdf/mBio.03647-20.pdf>

were eligible for meta-analysis. Hypertension, obesity, and diabetes mellitus were identified to be the most prevalent comorbidities in COVID-19 patients. Our meta-analysis showed that cancer, chronic kidney diseases, diabetes mellitus, and hypertension were independently associated with mortality in COVID-19 patients. Chronic kidney disease was statistically the most prominent comorbidity leading to death. However, despite having high prevalence, obesity was not associated with mortality in COVID-19 patients.

IMPORTANCE COVID-19 has plagued the world since it was first identified in December 2019. Previous systematic reviews and meta-analysis were limited by various factors such as the usage of non-peer reviewed data and were also limited by the lack of clinical data on a global scale. Comorbidities are frequently cited as risk factors for severe

January 11th 2021 Sars Cov 2 Spike Protein Elicits Cell Signaling in Human Host Cells (this means that thing Ralph Baric Designed in petri dish does this, doesn't mean it is actually a part of some virus).

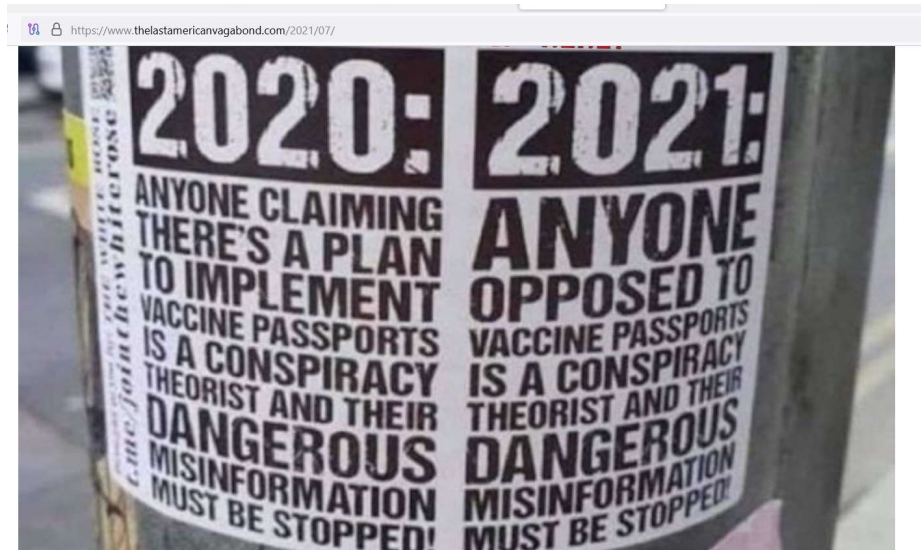
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7827936/pdf/vaccines-09-00036.pdf>

January 12th, 2021 CDC Admits “Most Transmission Occurs At Home”; Will Require All Foreigners To Test COVID-Negative Before Entering US

<https://thesuncoastnews.com/2021/01/cdc-admits-most-transmission-occurs-at-home-will-require-all-foreigners-to-test-covid-negative-before-entering-us/>

January 12, 2021 Exclusive: Vaccine passports to be trialed by thousands of Britons

<https://www.telegraph.co.uk/technology/2021/01/12/exclusive-vaccine-passports-trialled-thousands-britons/>



January 13th 2021 WHO Information Notice for Users 2020/05

Nucleic acid testing (NAT) technologies that use polymerase chain reaction (PCR) for detection of SARS-CoV-2

<https://www.who.int/news/item/20-01-2021-who-information-notice-for-ivd-users-2020-05>

January 13th, 2021 England's third national lockdown has caused an 'unprecedented' mental health crisis, experts warn

<https://www.dailymail.co.uk/news/article-9141791/Englands-lockdown-triggered-unprecedented-crisis-mental-health-issues.html>

January 13th, 2021 Disneyland Becomes 'Mass-Vaccination Super-Site'

<https://web.archive.org/web/20210113114752/https://www.zerohedge.com/covid-19/disneyland-becomes-mass-vaccination-super-site>

January 13th, 2021 Portugal goes into lockdown amid record-breaking virus surge

<https://www.cp24.com/world/portugal-goes-into-lockdown-amid-record-breaking-virus-surge-1.5265446>

January 14th, 2021 Microsoft, Oracle and Salesforce join a push for digital vaccination credentials.

<https://web.archive.org/web/20210114121006/https://www.nytimes.com/2021/01/14/business/microsoft-oracle-and-salesforce-join-a-push-for-digital-vaccination-credentials.html>

January 14th, 2021 Pimlico Plumbers to introduce 'no jab, no job' work contracts

<https://www.theguardian.com/business/2021/jan/14/pimlico-plumbers-to-introduce-no-jab-no-job-work-contracts-covid>

2021 Unimportant” Molecules?—Part 1

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8483254/pdf/imcj-20-8.pdf>

2021 Unimportant Molecules Part 2

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10393377/pdf/imcj-22-6.pdf>

Table 2. Pomegranate Juice Decreases Inflammation¹⁴

hs-CRP:	↓ 6.57 mg/L
CRP:	↓ 2.19 mg/dL
TNF-α:	↓ 2.37 pg/mL
IL-6:	↓ 1.68 pg/mL
MDA:	NS

Abbreviations: hs-CRP, high-sensitivity C-reactive protein; IL-6, interleukin-6; MDA, malondialdehyde; NS, not significant; TNF-α, tumor necrosis factor-alpha.

January 15th 2021 **How the Pandemic Accelerated the Need for IoT Solutions**

<https://www.digi.com/blog/post/pandemic-accelerated-need-for-internet-of-things>

January 19th, 2021 Thousands of Israelis Tested Positive for Coronavirus After First Vaccine Shot

<https://www.haaretz.com/israel-news/2021-01-19/ty-article/thousands-of-israelis-tested-positive-for-coronavirus-after-first-vaccine-shot/0000017f-defa-df9c-a17f-fefad8650000>

January 19th, 2021 The Ethics of Continuing Placebo in SARS-CoV-2 Vaccine Trials

https://ia904606.us.archive.org/20/items/covid-19-vaccine-control-group-files/2021-01-19_the_ethics_of_continuing_placebo_in_SARS-CoV-2_vaccine_trials.pdf

January 20th, 2021 WHO Information Notice for Users 2020/05

Nucleic acid testing (NAT) technologies that use polymerase chain reaction (PCR) for detection of SARS-CoV-2

<https://www.who.int/news/item/20-01-2021-who-information-notice-for-ivd-users-2020-05>

“WHO guidance [Diagnostic testing for SARS-CoV-2](#) states that careful interpretation of weak positive results is needed (1). The cycle threshold (Ct) needed to detect virus is inversely proportional to the patient’s viral load. Where test results do not correspond with the clinical presentation, a new specimen should be taken and retested using the same or different NAT technology.

WHO reminds IVD users that disease prevalence alters the predictive value of test results; as disease prevalence decreases, the risk of false positive increases (2). This means that the probability that a person who has a positive result (SARS-CoV-2 detected) is truly infected with SARS-CoV-2 decreases as prevalence decreases, irrespective of the claimed specificity.

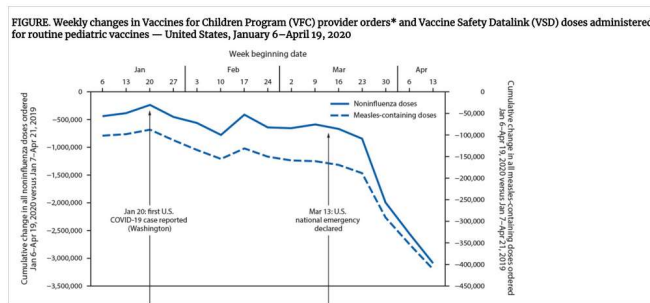
Most PCR assays are indicated as an aid for diagnosis, therefore, health care providers must consider any result in combination with timing of sampling, specimen type, assay specifics, clinical observations, patient history, confirmed status of any contacts, and epidemiological information”

January 21st, 2021 Joe Biden challenges Americans to 'mask up' for first 100 days

https://www.youtube.com/watch?v=YVDcCek_kK0

January 21st, 2021 During COVID Lockdown, Vaccine Rates Dropped — So Did the Number of SIDS Deaths

<https://childrenshealthdefense.org/defender/covid-lockdown-vaccine-rates-dropped-so-did-sids-deaths/>



January 24th, 2021 Human toxicity from COVID-19 rapid home test kits

https://web.archive.org/web/20220227164352mp_/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8786400/pdf/main.pdf

January 25th, 2021 Death of Northern California man several hours after COVID-19 vaccine probed

<https://web.archive.org/web/20210125182446/https://www.sfgate.com/bayarea/article/California-vaccine-death-COVID-Placer-County-15895656.php>

January 27th 2021 Death toll rises to 70 as many set to receive second dose of vaccine

<https://web.archive.org/web/20210127221406/https://www.chronicle.gi/death-toll-rises-to-70-as-many-set-to-receive-second-dose-of-vaccine/>

February 1st, 2021 Coronavirus Covid-19 and-blood donation

<https://web.archive.org/web/20210201050850/https://www.redcrossblood.org/donate-blood/dlp/coronavirus--covid-19--and-blood-donation.html>

Clip

February 4th, 2021 Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine

<https://www.nejm.org/doi/pdf/10.1056/NEJMoa2035389>

February 6th 2021 US COVID cases are falling but it's not from vaccine, yet, experts say
<https://www.usatoday.com/story/news/health/2021/02/06/us-covid-cases-falling-but-its-not-vaccine-yet-experts-say/4401778001/>

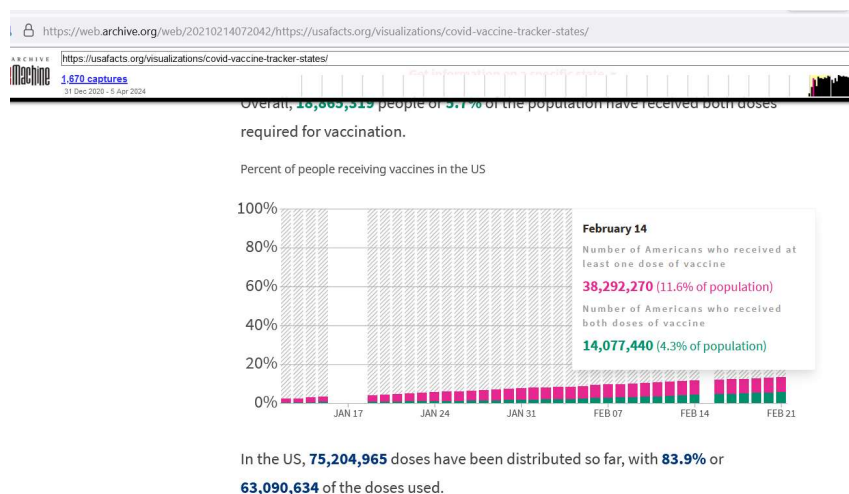
February 11th, 2021 Fully vaccinated can skip covid quarantine CDC says
<https://www.cnn.com/2021/02/10/health/covid-vaccinated-quarantine-cdc-guidance/index.html>

February 12th, 2021 **Oregon sees first 'breakthrough' COVID-19 cases among vaccinated individuals**
<https://web.archive.org/web/20210213000457/https://www.kdrv.com/content/news/Oregon-sees-first-breakthrough-COVID-19-cases-among-vaccinated-individuals-573787551.html>

February 14th **COVID-19 cases, hospitalizations continue massive drop since January peak**
<https://abcnews.go.com/US/covid-19-cases-hospitalizations-continue-massive-drop-january/story?id=75896236>

<https://ourworldindata.org/covid-vaccinations>

<https://web.archive.org/web/20210214072042/https://usafacts.org/visualizations/covid-vaccine-tracker-states/>



February 16th, 2021 St Louis County Department of Public Health 2019 Novel Coronavirus (Covid-19) Fourth Amended Quarantine and Isolation order

32 min 42 seconds

<https://stlcorona.com/dr-pages-messages/public-health-orders/all-public>

6. "DHSS" means the Department of Health and Senior Services of the State of Missouri;
7. "DPH" means the St. Louis County Department of Public Health;
8. "Face Covering" means a device, usually made of cloth, that covers the nose and mouth. Consistent with current CDC guidelines, face coverings prevent those who may have COVID-19 from spreading it to others;
9. "Fully Vaccinated Person" means a person who 14 days prior received a second dose of a 2 dose series or 14 days prior received one dose of a single dose vaccine. A person is not fully vaccinated until this time period of 14 days from the last date of the required dose has lapsed. Additionally, after 3 months from the last dose, a person is no longer considered to be a Fully Vaccinated Person.
10. "Isolation" and "isolated" mean the separation of a Positive Person or of a Person Under Investigation from any other person;
11. "Positive Person" means a person who has tested positive for COVID-19 or has been determined to have suspected COVID-19 by a physician or DPH, regardless of whether the person displays COVID-19 Symptoms;
12. "Public Health Order" means instruction issued by a DPH director that is denominated orally and in writing as an "Order";
13. "Quarantine" means the restriction of movement and separation of a person or group of people reasonably believed to have been exposed to COVID-19 but who is/are not symptomatic from people who have not been exposed to COVID-19;

February 18th, 2021 Everything you need to know about Israel's green passport program

<https://web.archive.org/web/20210218183913/https://www.jpost.com/israel-news/everything-you-need-to-know-about-israels-green-passport-program-659437>

February 18th 2021 Trends in Overall and Non-COVID-19 Hospital Admissions

<https://www.kff.org/health-costs/issue-brief/trends-in-overall-and-non-covid-19-hospital-admissions/>

"Total hospital admissions dropped to 69.2% of predicted admissions during the week ending April 4, 2020—the lowest point in the year—before rising again and staying at or above 90% since June 2020. As of the week ending December 5, 2020, total admissions were at 94.2% of what was predicted.

The decrease in hospital admissions from March 8 to December 5, 2020 represent 8.5% of the total expected admissions for all of 2020.

In November 2020, as COVID-19 cases surged, non-COVID-19 hospitalizations started to decline again and were about 80% of predicted hospitalizations by the end of the month. This suggests that people may once again be delaying or forgoing care due to the pandemic, in some cases likely due to hospital capacity constraints.”

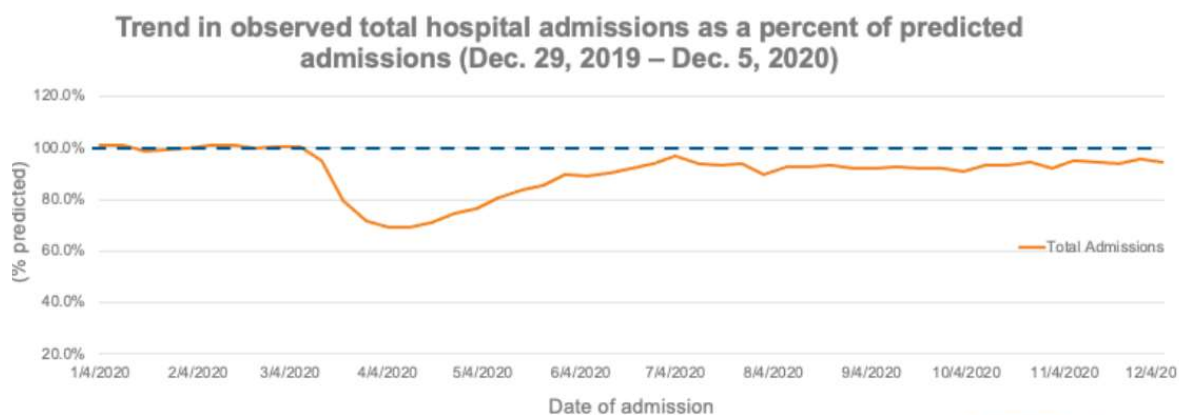

<https://www.kff.org/health-costs/issue-brief/trends-in-overall-and-non-covid-19-hospital-admissions/>



The independent source for health policy research, polling, and news.

Figure 1

Overall Admissions Decreased in March and April but Remained Above 90% Since June



SOURCE: Epic and KFF analysis of Epic Health Record System COVID-19 related data as of January 2021.



Figure 1: Overall Admissions Decreased in March and April but Remained Above 90% Since June

<https://www.kff.org/wp-content/uploads/2021/02/9560-02-Figure-1.png>

February 24th 2021 Bell's palsy and SARS-CoV-2 vaccines

<https://www.thelancet.com/action/showPdf?pii=S1473-3099%2821%2900076-1>

“Since the 40000 vaccine arm participants were followed for a median of 2 months, the combined safety population receiving vaccine across the two trials represents roughly 6700 person-years of observation time for an expected incidence of Bell’s palsy of one to two cases, in line with the single observed case in the combined placebo arms. Therefore, the observed incidence of Bell’s palsy in the vaccine arms is between 3·5-times and 7-times higher than would be expected in the general population. “

February 24th Have a case of Covid variant? No one is going to tell you

<https://www.nbcnews.com/health/health-news/have-case-covid-variant-no-one-going-tell-you-n1258794>

February 25th 2021 Care home Covid deaths have increased by 240% since Vaccinations began

<https://dailyexpose.co.uk/2021/02/25/care-home-covid-deaths-have-increased-by-240-since-vaccinations-began/>

February 26th, 2021 9 elderly care home residents die in Spain days after receiving Pfizer's vaccine jab

<https://www.lifesitenews.com/news/9-elderly-care-home-residents-die-in-spain-days-after-receiving-pfizers-vaccine-jab>

February 26th, 2021 Labs can't tell you if you have a covid variant a problem for tracking and prevention

<https://www.pbs.org/newshour/health/labs-cant-tell-you-if-you-have-a-covid-variant-a-problem-for-tracking-and-prevention>

March 2021 Frontline Doctor Testimonies and Vaccine deaths

https://dn790002.ca.archive.org/0/items/frontline-workers-testimonies-vaccine-reports-26-mar-2021_202104/Frontline%20Workers%20Testimonies%20%26%20VAERs%20Reports_26MAR2021.pdf

March 2021 Increased food insecurity during Covid

https://www.feedingamerica.org/sites/default/files/2021-03/National%20Projections%20Brief_3.9.2021_0.pdf

March 4th 2021 **COVID In Minnesota: MDH Says State Has Seen 14 'Vaccine Breakthrough Cases'**

<https://web.archive.org/web/20210304005313/https://www.msn.com/en-us/health/medical/covid-in-minnesota-mdh-says-state-has-seen-14-vaccine-breakthrough-cases/ar-BB1edevi>

March 8th, 2021 A Phase 3, Randomized, Stratified, Observer-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Immunogenicity of mRNA-1273 SARS-CoV-2

Vaccine in Adults Aged 18 Years and Older

https://classic.clinicaltrials.gov/ProvidedDocs/27/NCT04470427/SAP_001.pdf

ModernaTX, Inc.
Protocol mRNA-1273-P301

Statistical Analysis Plan, Version 2.0
Date Issued: 08 March 2021

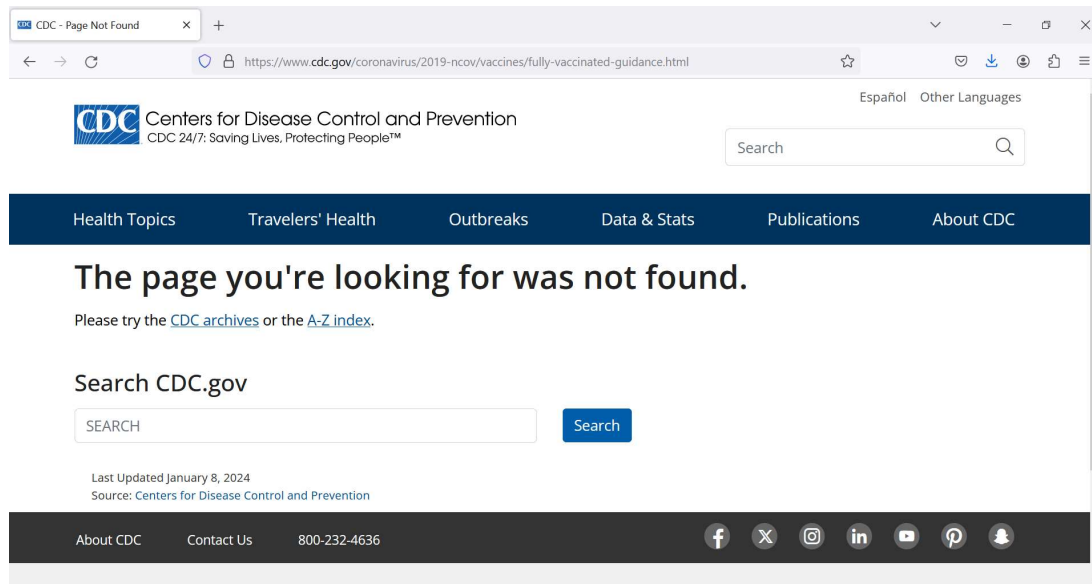
DOCUMENT HISTORY

Version	Date	Description of main modifications
1.0	10 September 2020	Original Version (Version 1.0)
2.0	08 March 2021	Amendment 1 (Version 2.0) <ul style="list-style-type: none">Updated SAP for final blinded analysis based on blinded data after protocol amendment 6 that offers participants opportunities to be unblinded and to receive mRNA-1273 for those who were randomized to PlaceboUpdated overall study design based on protocol amendment 6Updated Section 6.3.1 and 6.3.2 on derivation of efficacy endpoints to clarify how scheduled RT-PCR and bAb specific to SARS-CoV-2 NP at scheduled timepoints will be considered for disease efficacy endpoints

March 8th 2021 **Interim Public Health Recommendations for Fully Vaccinated People**

<https://web.archive.org/web/20210308165302/https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated-guidance.html>

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated-guidance.html>



Lecture 6 30 minutes 8 seconds <https://archive.org/details/vaccine-6>

March 11th, 2021 **DHEC tracking potential 'breakthrough' COVID-19 cases in vaccinated people**

<https://web.archive.org/web/20210311060400/https://www.wyff4.com/article/dhec-tracking-potential-breakthrough-covid-19-cases-in-vaccinated-people/35767420>

March 11th, 2021 H.R.1319 American Rescue Plan Act John Yarmuth

<https://www.congress.gov/bill/117th-congress/house-bill/1319>

March 12, 2021 Kansas hospital is forced to destroy hundreds of Covid vaccine doses after a 'process error' while a Virginia clinic accidentally 'gives patients jabs of saline' in a staff blunder

<https://www.dailymail.co.uk/news/article-9354851/Kansas-hospital-forced-destroy-hundreds-Covid-vaccine-doses-process-error.html>

March 12th, 2021 **Fully vaccinated Hawaii health care worker contracts COVID-19, DOH says**

<https://web.archive.org/web/20210312181333/https://www.hawaiinewsnow.com/2021/03/12/fully-vaccinated-hawaii-health-care-worker-contracts-covid-doh-says/>

March 13th, 2021 Japanese hospital mistakenly gives saline solution shot instead of COVID-19 vaccine

<https://mainichi.jp/english/articles/20210513/p2a/00m/0na/004000c>

March 15th 2021 A majority of uninfected adults show preexisting antibody reactivity against SARS-CoV-2

https://web.archive.org/web/20211215165522mp_/https://www.ncbi.nlm.nih.gov/labs/pmc/articles/PMC8119195/pdf/jciinsight-6-146316.pdf

March 16th 2021 Coronavirus infects Texas woman following COVID-19 vaccination: What are ‘breakthrough’ cases?

<https://web.archive.org/web/20210316203724/https://www.foxnews.com/health/coronavirus-infects-texas-woman-following-covid-19-vaccination-what-are-breakthrough-cases>

March 16th, 2021 Placebo use and unblinding in COVID-19 vaccine trials: recommendations of a WHO Expert Working Group

https://ia804606.us.archive.org/20/items/covid-19-vaccine-control-group-files/2021-04_placebo_use_and_unblinding_in_COVID-19_vaccine_trials-recommendations_of_a_WHO_expert_working_group-s41591-021-01299-5.pdf

March 17th 2021 Vaccine Error Leads To Some Receiving Saline Shots

<https://www.cbsnews.com/minnesota/news/vaccine-error-leads-to-some-receiving-saline-shots/>

March 18th 2021 Hypersensitivity reactions to monoclonal antibodies: Classification and treatment approach (Review)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8290432/pdf/etm-22-03-10381.pdf>

“Demyelinating diseases have also been reported in the context of immunomodulatory therapy. The clinical aspect varies widely and includes signs and symptoms of the demyelination process such as confusion, ataxia, paraesthesia, various neurological manifestations, optic neuritis,

hemiparesis, transverse myelitis, Guillain-Barre syndrome, and imaging modifications compatible with demyelination.”

“Clinically, infusion-related reactions may be characterized by fever, flushing, haemodynamic manifestations (hypertension/hypotension, tachycardia), dyspnoea, chest constriction, nausea, vomiting, diarrhea, and chest pain (11). The presence of angioedema, urticaria, nasal congestion, dysphonia or wheezing is an argument for the development of a true hypersensitivity reaction.”

“Infusion-related and cytokine storm reactions may occur from the first or second infusion, while IgE-mediated reactions must have previous exposures to allow sensitization”

March 18th 2021 Blanket 'do not resuscitate' orders imposed on English care homes

<https://www.theguardian.com/society/2021/mar/18/blanket-do-not-resuscitate-orders-imposed-on-english-care-homes-finds-cqc>

March 19th 2021 **Don't Be Surprised When Vaccinated People Get Infected**

<https://www.theatlantic.com/science/archive/2021/03/vaccine-breakthrough-cases/618330/>

March 21st, 2021 Timeline

<https://web.archive.org/web/20210331061445/https://www.modernatx.com/modernas-work-potential-vaccine-against-covid-19>

March 23rd, 2021 **Vaccinated People Can Get Covid, but It's Most Likely Very Rare**

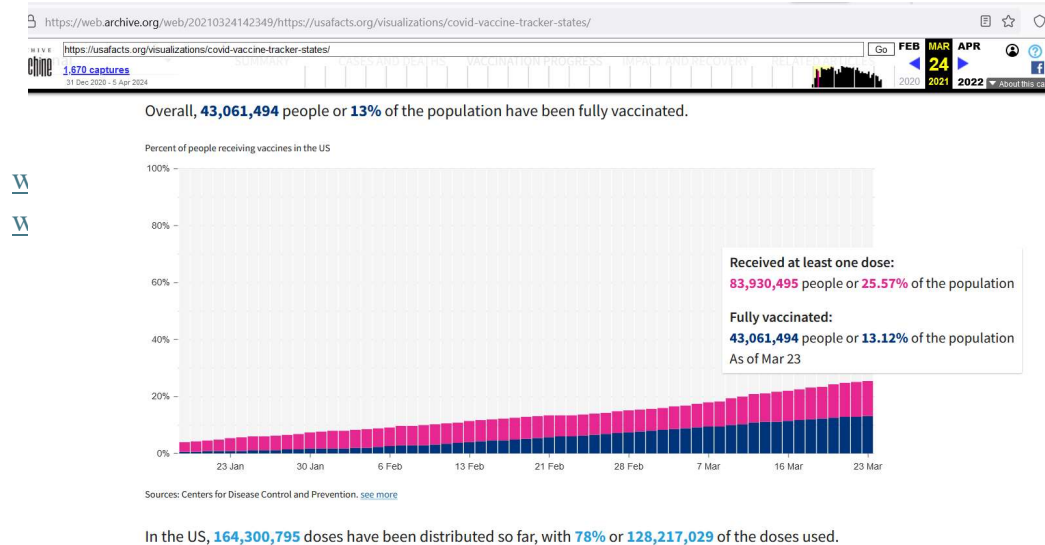
<https://web.archive.org/web/20210323161013/https://www.nytimes.com/2021/03/23/health/covid-cases-vaccinated-people.html>

What URL converts to now when searched

<https://www.modernatx.com/nl-NL/about-us/our-story>

March 23rd, 2023 **Vaccinated People Can Get Covid, but It's Most Likely Very Rare**

<https://web.archive.org/web/20210323161013/https://www.nytimes.com/2021/03/23/health/covid-cases-vaccinated-people.html>



[https://
eb.archive.org/
eb/](https://web.archive.org/)

[20210324142349/https://usafacts.org/visualizations/covid-vaccine-tracker-states/](https://web.archive.org/web/20210324142349/https://usafacts.org/visualizations/covid-vaccine-tracker-states/)

March 26th 2021 Gibraltar looks to post-Covid era as vaccine drive nears completion

<https://www.theguardian.com/world/2021/mar/26/gibraltar-looks-to-post-covid-era-as-vaccine-drive-nears-completion>

March 31st, 2021 Time is of the essence to provide a vaccine against this pandemic virus

<https://web.archive.org/web/20210331061445/https://www.modernatx.com/modernas-work-potential-vaccine-against-covid-19>

Modernatx.com → <https://archive.org/details/vaccine-5>

43 minutes, 24 sec

April 2021 COVID-19 Attributed Cases and Deaths are Statistically Higher in States and Counties with 5th Generation Millimeter Wave Wireless Telecommunications in the United States

https://avaate.org/IMG/pdf/tsiang_y_havas.pdf

April 2nd 2021 CDC walks back claim that vaccinated people can't carry COVID-19

<https://nypost.com/2021/04/02/cdc-walks-back-claim-that-vaccinated-people-cant-carry-covid/>

April 4th, 2021 Scary Delta Variant

Lecture 6 <https://archive.org/details/vaccine-6> (15 minutes 27 seconds)

April 4th, 2021 COVID-19 Attributed Cases and Deaths are Statistically Higher in States and Counties with 5th Generation Millimeter Wave Wireless Telecommunications in the United States

<https://www.semanticscholar.org/reader/11ed28b5df0b780006a4da5039ddbb554b36119d>

April 13th 2021 Hypocalcemia in COVID-19: Prevalence, clinical significance and therapeutic implications

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8041474/pdf/11154_2021_Article_9655.pdf

April 13th 2021 U.S. Calls for Pause on Johnson & Johnson Vaccine After Clotting Cases

<https://web.archive.org/web/20210413105252/https://www.nytimes.com/2021/04/13/us/politics/johnson-johnson-vaccine-blood-clots-fda-cdc.html>

April 16th 2021 Unvaccinated Women Report Miscarriages After Interactions with Vaccinated People

<https://web.archive.org/web/20210417230617/https://montanadailygazette.com/2021/04/16/unvaccinated-women-report-miscarriages-after-interactions-with-vaccinated-people/>

April 17th, 2021 CDC Covid 19 Breakthrough Case Investigations and reporting

https://stacks.cdc.gov/view/cdc/105217/cdc_105217_DS1.pdf

“For cases with a known RT-PCR cycle threshold (Ct) value, **submit only specimens with Ct value < or =28** to CDC for sequencing. (Sequencing is not feasible with higher Ct values)”

April 19, 2021 6 people injected with saline instead of COVID-19 vaccine at Vaughan hospital

April 19th, 2021 Walgreens store mistakenly injects saline instead of COVID-19 vaccine

<https://nypost.com/2021/04/19/walgreens-store-injected-saline-instead-of-covid-19-vaccine/>

<https://globalnews.ca/news/7770007/6-people-injected-saline-instead-of-covid-vaccine/>

Researchers are concerned that high-risk pregnancies are going undetected.

across Nepal, was published in *The Lancet Global Health* on 10 August¹. It reported that stillbirths increased from 14 per 1,000 births before the country went into lockdown to stop the spread of the coronavirus in late March, to 21 per 1,000 births by the end of May – a rise of 50%. The sharpest rise was observed during the first four weeks of the lockdown, under which people were allowed to leave their homes only to buy food and receive essential care.

The study, led by Ashish K.C., a perinatal epi-

last 20 years in health outcomes for women and their babies, but the last few months have deaccelerated that progress,” says K.C..

Birth data from a large hospital in London showed a similar trend. In July, Asma Khalil, an obstetrician at St George’s, University of London, and her colleagues reported² a nearly fourfold increase in the incidence of stillbirths at St George’s Hospital, from 2.38 per 1,000 births between October 2019 and the end of January this year, to 9.31 per 1,000 births between February and mid-June.

April 21st 2021 Preliminary Findings of mRNA Covid-19 Vaccine Safety in Pregnant Persons

<https://web.archive.org/web/20210425003504/https://www.nejm.org/doi/full/10.1056/NEJMoa2104983>

VACCINE 10 1 hr 24 minutes Fertility

Syncitin Argument

Lecture 11 25 minutes 45 seconds → <https://archive.org/details/vaccine-11>

April 22nd 2021 A majority of uninfected adults show preexisting antibody reactivity against SARS-CoV-2

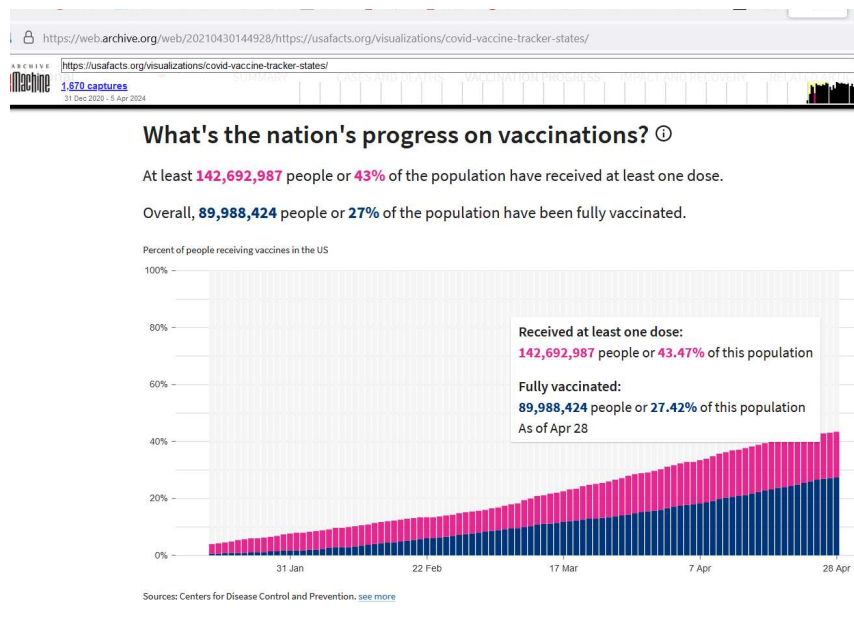
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8119195/pdf/jciinsight-6-146316.pdf>

April 27th 2021 **If you’re fully vaccinated, you no longer need to wear a mask while dining outdoors**

<https://www.timeout.com/usa/news/if-youre-fully-vaccinated-you-no-longer-need-to-wear-a-mask-while-dining-outdoors-042721>

April 28th 2021

<https://web.archive.org/web/20210430144928/https://usafacts.org/visualizations/covid-vaccine-tracker-states/>



May 12th 2021 Exposure to 2.45 GHz Radiation Triggers Changes in HSP-70, Glucocorticoid Receptors and GFAP Biomarkers in Rat Bra

<https://www.mdpi.com/1422-0067/22/10/5103/pdf?version=1620877677>

May 13th, 2021 **Vaccinated people will be separated from unvaccinated people at some sporting events**

<https://www.poynter.org/reporting-editing/2021/vaccinated-people-will-be-separated-from-unvaccinated-people-at-some-sporting-events/>

May 14th 2021 Fully Vaccinated not longer need to wear masks **indoors**

First archived <https://web.archive.org/web/20210514122918/https://www.youtube.com/watch?v=KcZ2kaKMrLc>

Full video: <https://web.archive.org/web/20230404091952/https://www.youtube.com/watch?v=KcZ2kaKMrLc>

May 18th 2020 **Sars-cov-2 rna vaccines WO2021222304A1**

WIPO (PCT)

SUMMARY

The present disclosure provides a rapid-response vaccine platform based on a messenger RNA (mRNA) delivery system. The platform is based on the principle and data showing that cells in vivo can take up mRNA, translate it, and then express protein viral antigen(s) on the cell surface. The delivered mRNA does not enter the cellular nucleus or interact with the genome, is non-replicating, and is expressed transiently. The mRNA vaccines provided herein, in some embodiments, encode for the full-length spike protein (S protein) of SARS-CoV-2, modified to introduce two proline residues to stabilize the S protein into a prefusion conformation (S 2P).

<https://patentimages.storage.googleapis.com/90/a1/6d/3aa5ae57dc6b84/WO2021222304A1.pdf>

May 22nd 2021 40% of US dollars in existence were printed in the last 12 months: Is America repeating the same mistake of 1921 Weimar Germany?

<https://techstartups.com/2021/05/22/40-us-dollars-existence-printed-last-12-months-america-repeating-mistake-1921-weimar-germany/>

May 25th 2021 C.D.C Will not investigate Mild infections in Vaccinated Americans

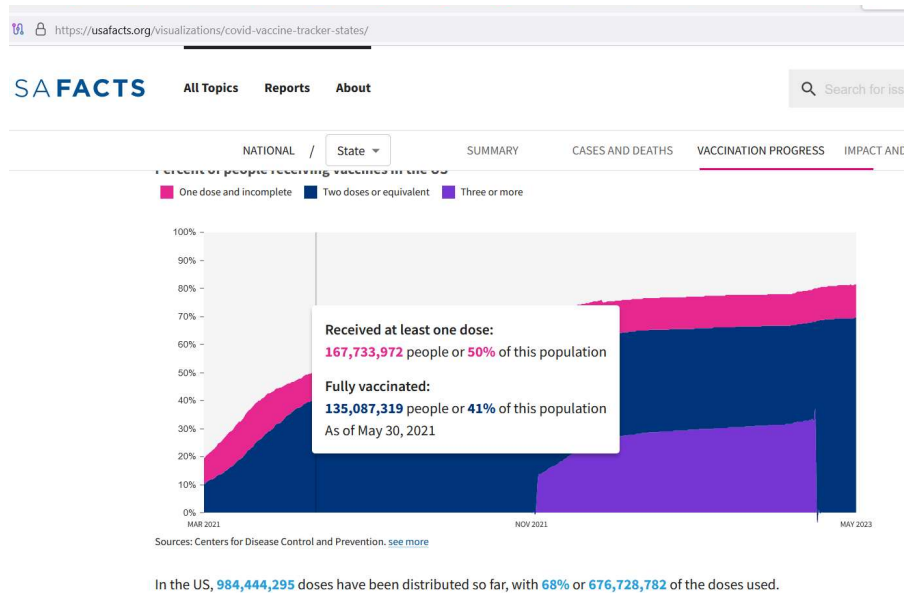
<https://web.archive.org/web/20210525180236/https://nytimes.com/2021/05/25/health/cdc-coronavirus-infections-vaccine.html>

<https://nytimes.com/2021/05/25/health/cdc-coronavirus-infections-vaccine.html>

May 26th 2021 Had COVID? You'll probably make antibodies for a lifetime

[https://www.nature.com/articles/d41586-021-01442-9?
error=cookies_not_supported&code=e722e11e-c6af-4fcc-9bd4-1fa1989c6680](https://www.nature.com/articles/d41586-021-01442-9?error=cookies_not_supported&code=e722e11e-c6af-4fcc-9bd4-1fa1989c6680)

May 30th, 2021 <https://usafacts.org/visualizations/covid-vaccine-tracker-states/>



June 2021 SARS-CoV-2 mRNA Vaccine (BNT162, PF-07302048) 2.6.5 Pharmacokinetic study summary table

<https://dn790008.ca.archive.org/0/items/pfizer-confidential-translated/pfizer-confidential-translated.pdf>

will redirect to this URL <https://www.webmd.com/vaccines/covid-19-vaccine/covid-19-vaccine>

How much of NIH staff is vaccinated

June 2nd 2021 Counting Covid's deceptive Deaths

<https://off-guardian.org/2021/06/02/counting-covids-deceptive-deaths/>

June 2021

<https://www.bls.gov/opub/mlr/2021/article/unemployment-rises-in-2020-as-the-country-battles-the-covid-19-pandemic.htm>

June 2021 Management of patients at risk of anaphylaxis after COVID 19 vaccination

<https://pubmed.ncbi.nlm.nih.gov/34231348/>

June 4th 2021 CDC: Fully Vaccinated can Skip Routine Covid Testing

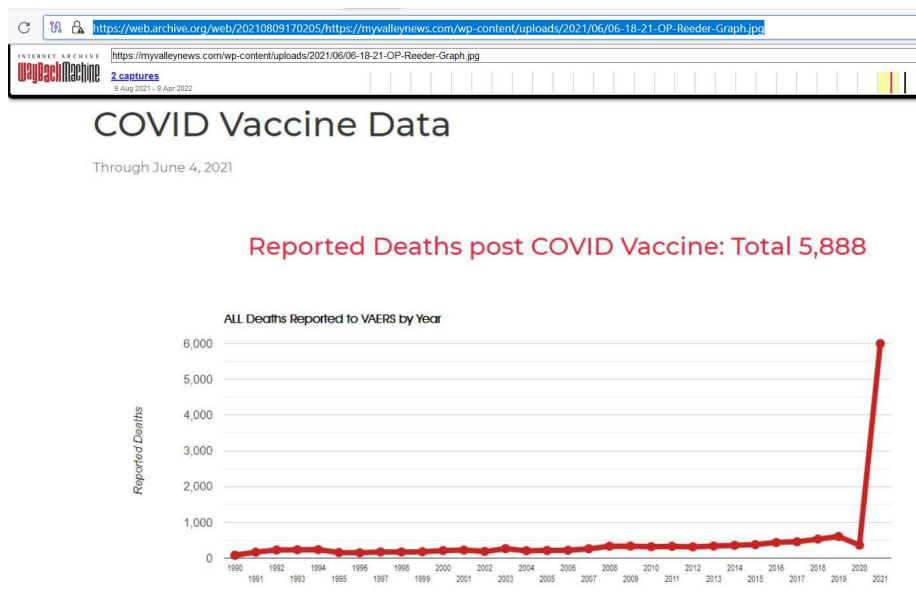
<https://web.archive.org/web/20210604175009/https://www.webmd.com/vaccines/covid-19-vaccine/news/20210604/cdc-says-fully-vaccinated-can-skip-routine-covid-testing>

<https://www.webmd.com/vaccines/covid-19-vaccine/news/20210604/cdc-says-fully-vaccinated-can-skip-routine-covid-testing>

will redirect to this URL <https://www.webmd.com/vaccines/covid-19-vaccine/covid-19-vaccine>

June 4th, 2021 Reported Deaths to VAERS post Covid Vaccine

<https://web.archive.org/web/20210809170205/https://myvalleynews.com/wp-content/uploads/2021/06/06-18-21-OP-Reeder-Graph.jpg>



VAERS manipulation video

June 18th, 2021 [Seven people in Kongsvinger received saline instead of coronary vaccine](https://www.facebook.com/NorwayTodayDailyNews/posts/seven-people-who-were-vaccinated-in-kongsvinger-on-thursday-received-a-saline-in/206811711311690/)

<https://www.facebook.com/NorwayTodayDailyNews/posts/seven-people-who-were-vaccinated-in-kongsvinger-on-thursday-received-a-saline-in/206811711311690/>

June 22, 2021 **The Delta Variant: What Scientists Know**

<https://www.nytimes.com/2021/06/22/health/delta-variant-covid.html>

June 28th, 2021 'Very limited' number of saline-only COVID vaccines accidentally given, SC health dept. says

<https://www.live5news.com/2021/06/28/very-limited-number-saline-only-covid-vaccines-accidentally-given-health-dept-says/>

June 29th, 2021 Nearly all Covid Deaths in US are now among Unvaccinated

<https://apnews.com/article/coronavirus-pandemic-health-941fcf43d9731c76c16e7354f5d5e187>

June 24th <https://www.bloomberg.com/news/articles/2021-06-24/nearly-all-covid-deaths-in-us-are-now-among-unvaccinated>

Lecture 6 42 minutes Pandemic of Unvaccinated (lol)

Lecture 6 Vaccinated versus Unvaccinated definition problems Lecture 6 1 Hr 2 Minutes

<https://archive.org/details/vaccine-6>

June 29th, 2021 Saline Injected Instead of COVID Vaccine in South Carolina

<https://www.newsweek.com/saline-injected-instead-covid-vaccine-south-carolina-1605087>

July 1st, 2021 The symptoms of the Delta variant appear to differ from traditional COVID symptoms. Here's what to look out for

<https://theconversation.com/the-symptoms-of-the-delta-variant-appear-to-differ-from-traditional-covid-symptoms-heres-what-to-look-out-for-163487>

July 1st 2021 Underlying Medical Conditions and Severe Illness Among 540,667 Adults Hospitalized With COVID-19, March 2020–March 2021

https://www.cdc.gov/pcd/issues/2021/21_0123.htm

“Among 4,899,447 hospitalized adults in PHD-SR, 540,667 (11.0%) were patients with COVID-19, of whom 94.9% had at least 1 underlying medical condition. Essential hypertension (50.4%), disorders of lipid metabolism (49.4%), and obesity (33.0%) were the most common. The strongest risk factors for death were obesity (adjusted risk ratio [aRR] = 1.30; 95% CI, 1.27–1.33), anxiety and fear-related disorders (aRR = 1.28; 95% CI, 1.25–1.31), and diabetes with complication (aRR = 1.26; 95% CI, 1.24–1.28), as well as the total number of conditions, with aRRs of death ranging from 1.53 (95% CI, 1.41–1.67) for patients with 1 condition to 3.82 (95% CI, 3.45–4.23) for patients with more than 10 conditions (compared with patients with no conditions).”

July 3rd, 2021 The CDC stopped tracking most Covid 19 cases in vaccinated people. That makes it hard to know how dangerous Delta really is

<https://www.yahoo.com/news/cdc-stopped-tracking-most-covid-100200730.html>

July 3rd 2021 Israel Confirmed Cases June 27th – July 3rd Vaccinated vs Unvaccinated

Israel Confirmed Cases, June 27 th – July 3 rd , Vaccinated vs. Unvaccinated				
Age Group	Cases, Vaccinated	Cases, Unvaccinated	Percent of Cases Vaccinated	Percent of Population Vaccinated
20-29	95	25	79%	78%
30-39	133	33	80%	83%
40-49	175	33	84%	86%
50-59	127	18	88%	89%
60-69	134	16	89%	91%
70-79	90	7	93%	95%
80-89	23	2	92%	94%
90+	2	0	100%	93%
קבוצת גיל	נדבקים מחוסנים	נדבקים לא מחוסנים	אחוז נדבקים מחוסנים	אחוז מחוסנים באוכלוסייה
ישראל, מקרי קורונה מאומתים, 27 ביוני עד 3 ביולי, מחוסנים לעומת לא מחוסנים				
Source: Israel Ministry of Health Dashboard				

<https://web.archive.org/web/20210704032813/https://datadashboard.health.gov.il/COVID-19/general>

July 11th, 2021 George Soros And Bill Gates'-Backed Consortium To Buy U.K. Maker Of Covid Tests For \$41 Million

<https://web.archive.org/web/20210719140449/https://www.forbes.com/sites/daviddawkins/2021/07/19/george-soros-and-bill-gates-backed-consortium-to-buy-uk-maker-of-covid-lateral-flow-tests-for-41-million/>

July 13th, 2021 [Sebelius: Unvaccinated Americans Should Not Be Allowed to Work](#) have access to children

<https://www.breitbart.com/clips/2021/07/13/sebelius-unvaccinated-americans-should-not-be-allowed-to-work-have-access-to-children/>

July 13th, 2021 Natural infection vs vaccination: Which gives more protection?

<https://web.archive.org/web/20210716220601/https://www.israelnationalnews.com/News/News.aspx/309762>

July 15th 2021 Gen Z Is Feeling 'Meh' About The Vaccine. The White House Is Calling In The Pop Stars

<https://www.npr.org/sections/health-shots/2021/07/15/1016451053/young-people-feel-meh-about-the-vaccine-so-fauci-is-going-on-a-tiktok-tour>

July 16th 2021 U.S. COVID Deaths Are Rising Again. Experts Call It A 'Pandemic Of The Unvaccinated'

<https://www.npr.org/2021/07/16/1017002907/u-s-covid-deaths-are-rising-again-experts-call-it-a-pandemic-of-the-unvaccinated>

July 20th 2021 Time Trends and factors related to Covid 19 Vaccine hesistancy from January to May 2021

<https://www.medrxiv.org/content/10.1101/2021.07.20.21260795v1.full.pdf>

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/testing-overview.html>

July 20th, 2021 FDA to Add New Warning on Johnson & Johnson Covid Vaccine Related to Autoimmune Nerve Syndrome

<https://ia804506.us.archive.org/10/items/fda-to-add-new-warning-on-johnson-johnson-covid-vaccine-related-to-autoimmune-nerve-syndrome/FDA%20to%20Add%20New>

https://www.cdc.gov/locs/2021/07-21-2021-lab-alert-Changes_CDC_RT-PCR_SARS-CoV-2_Testing_1.html

July 21st, 2021 07/21/2021: Lab Alert: Changes to CDC RT-PCR for SARS-CoV-2 Testing

https://www.cdc.gov/locs/2021/07-21-2021-lab-alert-Changes_CDC_RT-PCR_SARS-CoV-2_Testing_1.html

"In preparation for this change, CDC recommends clinical laboratories and testing sites that have been using the CDC 2019-nCoV RT-PCR assay select and begin their transition to another FDA-authorized COVID-19 test. CDC encourages laboratories to consider adoption of a multiplexed method that can facilitate detection and differentiation of SARS-CoV-2 and influenza viruses."

July 21st 2021 Corona Corona in Israel Hospital director: "Over 90% of our patients are vaccinated, the vaccine wears off in front of our eyes" Dr. Kobi Habib said that there has been a significant jump in the number of seriously ill patients hospitalized in the hospital he manages. Despite this, he argued that hospitals were still far from collapse

<https://www.maariv.co.il/corona/corona-israel/Article-855728>

העיתון הדיגיטלי | בריאות | סגנון | אוכל | יהדות | תרבות | ויכוח | ספורט | עסקים | הנבחרת | חדשות | חדשות | דעות | טכנולוגיה | בין החדשות | לוח שנה | זמני כניסת שבת | הרוסקופ | אופנה | תיירות | מקומות | כרטיסים להופעות

מערב | קורונה | קורונה בישראל

קורונה בישראל
מנהל בי"ח: מעל 90% מהחולים אצלנו מחוסנים, החיסון מתפוגג לנו מול העיניים
ד"ר קובי חביב סיפר כי יש קפיצה משמעותית במספר החולים קשה, אשר מאושפדים בבית החולים אותו הוא מנהל. למרות זאת, הוא טען כי בתי החולים עדיין רחוקים מקריסה

מומלץ עבורך
187
103FM
27/07/2021 17:49

July 22nd 2021 Far from slowing down the IoT market, COVID-19 seems to have stimulated it

<https://www.defianceetfs.com/far-from-slowng-down-the-iot-market-covid-19-seems-to-have-stimulated-it/>

July 23rd, 2021 PCR tests withdrawn “unfit” to diagnose Covid

<https://halturnerradioshow.com/index.php/en/news-page/news-nation/bre>

July 23rd, 2021 SARS-CoV-2 variants of concern and variants under investigation in England

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1005517/Technical_Briefing_19.pdf

Table 5. Attendance to emergency care and deaths by vaccination status among all sequenced and genotyped Delta cases in England from 1 February 2021 to 19 July 2021

Variant	Age group (years)**	Total	Cases with specimen date in past 28 days	Unlinked	<21 days post dose 1	≥21 days post dose 1	Received 2 doses	Unvaccinated
Delta cases	<50	205,549	94,294	22,496	20,930	27,714	15,346	119,063
	≥50	23,379	10,933	2,169	157	5,289	13,427	2,337
	All cases	229,218	105,298	24,952	21,088	33,003	28,773	121,402
Cases with an emergency care visit§ (exclusion†)	<50	6,471	N/A	73	597	851	429	4,521
	≥50	1,319	N/A	7	11	297	672	332
	All cases	7,790	N/A	80	608	1,148	1,101	4,853
Cases with an emergency care visit§ (inclusion#)	<50	8,325	N/A	110	756	1,025	531	5,903
	≥50	2,263	N/A	18	22	435	1,125	663
	All cases	10,588	N/A	128	778	1,460	1,656	6,566

Total Cases: Got one Shot or more: $608 + 1,148 + 1,101 = 2,857$

Unvaccinated: 4,853 All Shots: $778 + 1,460 + 1,656 = 3,894$ Unvaccinated 6,566

visits§ (inclusion#)	≥50	2,263	N/A	18	22	435	1,125	663
	All cases	10,588	N/A	128	778	1,460	1,656	6,566
Cases where presentation to emergency care resulted in overnight inpatient admission§ (exclusion†)	<50	1,529	N/A	36	127	158	103	1,105
	≥50	687	N/A	4	9	107	371	196
	All cases	2,216	N/A	40	136	265	474	1,301
Cases where presentation to emergency care resulted in	<50	2,327	N/A	51	185	239	140	1,712

overnight inpatient admission§ (inclusion#)	≥50	1,365	N/A	13	18	191	703	440
	All cases	3,692	N/A	64	203	430	843	2,152

overnight inpatient admission§ (inclusion#)	≥50	1,365	N/A	13	18	191	703	440
	All cases	3,692	N/A	64	203	430	843	2,152
Deaths within 28 days of positive specimen date	<50	45	N/A	1	3	3	4	34
	≥50	415	N/A	5	2	57	220	131
	All cases	460	N/A	6	5	60	224	165

Data sources: Emergency care attendance and admissions from Emergency Care Dataset (ECDS), deaths from PHE daily death data series (deaths within 28 days). NHS trusts are required to submit emergency care attendances by the 21st of each month. As a result, the number of cases with attendances may show substantial increases in technical briefs prepared after the monthly cut-off, compared with other briefs from the same month.
 § Cases without specimen dates and unlinked sequences (sequenced samples that could not be matched to individuals) are excluded from this table.
 * Cases are assessed for any emergency care attendance within 28 days of their positive specimen date. Cases still undergoing within 28-day period may have an emergency care attendance reported at a later date.
 § At least 1 attendance or admission within 28 days of positive specimen date
 # Inclusion: Including cases with the same specimen and attendance dates
 ‡ Exclusion: Excluding cases with the same specimen and attendance dates. Cases where specimen date is the same as date of emergency care visit are excluded to help remove cases picked up via routine testing in healthcare settings whose primary cause of attendance is not COVID-19. This underestimates the number of individuals in hospital with COVID-19 but only includes those who tested positive prior to the day of their emergency care visit. Some of the cases detected on the day of admission may have attended for a diagnosis unrelated to COVID-19.
 ^ Total deaths in any setting (regardless of hospitalisation status) within 28 days of positive specimen date.
 ** Age <50 + >50 do not total 'all cases' per category as some cases lack reported age data

Deaths: At least one shot :6+ 5 + 60 + 224 = 295 Unvaccinated = 165

Total Deaths = 460 so Unvaccinated only makes up 36% of deaths (despite different testing requirements!)

Highest death group DOUBLE VAXXED!!!! 224 so 47% of all deaths double Vaxxed

At least one shot is 63.65% of all deaths, how could they possibly have a “pandemic of unvaccinated” 90+% of death supposedly in the U.S with numbers this different?

July 26th 2021 **Exclusive: Over half of Covid hospitalizations tested positive after admission**

<https://www.telegraph.co.uk/news/2021/07/26/exclusive-half-covid-hospitalisations-tested-positive-admission/>

July 26th Higher COVID Rate Found in Some Counties with Higher Vaccination Rate – Why, and What it Says about the Delta Variant

<https://www.cbsnews.com/sacramento/news/covid-vaccination-california-counties/>

July 27th, 2021 CDC says fully vaccinated people spread the Delta variant and should wear masks: 'This new science is worrisome'

https://news.yahoo.com/cdc-says-fully-vaccinated-people-201508057.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cubmF0dXJhbG5ld3MuY29tLw&guce_referrer_sig=AQAAAEEnPRmJXq1IJ6ZhripFtCbW920ewPauuLGDQ0qn2HjHKfom4wbnLCU9BC8R

[dweULY1REUNsalDfCa0tn5XatA1tFnjMM0u3TKeLpmrfYbFOxbIHS7sWjom-Pjl18EBotSxJvph3_isbivC7H56Amk24Z3KoxjXeCj08gS-prXbLT](https://www.cdc.gov/media/releases/2021/s0727-covid-vaccine-policy.html)

July 27th, 2021 **CDC reverses indoor mask policy, saying fully vaccinated people and kids should wear them indoors**

<https://www.cnn.com/2021/07/27/cdc-to-reverse-indoor-mask-policy-to-recommend-them-for-fully-vaccinated-people-in-covid-hot-spots.html>

July 28th 2021 33-year-old fully vaccinated woman reportedly dies from COVID-19 complications in rare, breakthrough case

<https://www.foxnews.com/health/new-orleans-woman-dies-from-covid-19-in-rare-breakthrough-case>

July 29th, 2021 Biden: Unvaccinated Federal Workers to Face Testing, Masking

https://www.voanews.com/a/covid-19-pandemic_biden-unvaccinated-federal-workers-face-testing-masking/6208913.html

July 29th, 2021 Israel's data dashboard provided by the Health Ministry apparently no longer shows breakdowns of hospitalizations and deaths by vaccination status



July 30th, 2021 CDC Scaled Back Hunt for Breakthrough Cases Just as the Delta Variant Grew

<https://www.bloomberg.com/news/articles/2021-07-30/cdc-scaled-back-hunt-for-breakthrough-cases-just-as-the-delta-variant-grew>

July 30th, 2021 Vaccination only won't stop rise of the variants



July 30th, 2021 Vaccinated People With Breakthrough Infections Can Spread The Delta Variant, CDC Says

<https://www.npr.org/sections/coronavirus-live-updates/2021/07/30/1022867219/cdc-study-provincetown-delta-vaccinated-breakthrough-mask-guidance>

July 30th 2021 Sweden: Despite Variants, No Lockdowns, No Daily Covid Deaths

<https://www.aier.org/article/sweden-despite-variants-no-lockdowns-no-daily-covid-deaths/>

July 30th 2021 Gibraltar, Iceland See MASSIVE Covid Spike Despite Over 90% of Population Vaccinated

<https://nworeport.me/2021/07/30/gibraltar-iceland-see-massive-covid-spike-despite-over-90-of-population-vaccinated/>

August 2021 Clinical Guidelines Covid 19 Patients

https://www.bsuh.nhs.uk/library/wp-content/uploads/sites/8/2020/03/Covid66_Covid-19-Symptom-control-at-BSUH.pdf

August 2021 One year ago this month, Twitter [permanently suspended](#) a 340,000-follower account for “repeated violations of our COVID-19 misinformation rules.”

<https://www.theatlantic.com/technology/archive/2022/08/alex-berenson-twitter-ban-lawsuit-covid-misinformation/671219/>

August 3rd, 2021 **‘Breaking society apart’: Unvaccinated people are angry as they face more Covid restrictions**

<https://www.cnbc.com/2021/08/13/unvaccinated-people-face-more-covid-restrictions-in-future.html>

August 4th, 2021 Study: Some vaccinated and unvaccinated people in Wisconsin have similar viral loads

<https://www.tmj4.com/news/coronavirus/study-some-vaccinated-and-unvaccinated-people-in-wisconsin-have-similar-covid-19-viral-loads>

August 4th 2021 Canada refuses entry to its citizen with ‘natural immunity’ against Covid
<https://tribune.com.pk/story/2313728/canada-refuses-entry-to-its-citizen-with-natural-immunity-against-covid>

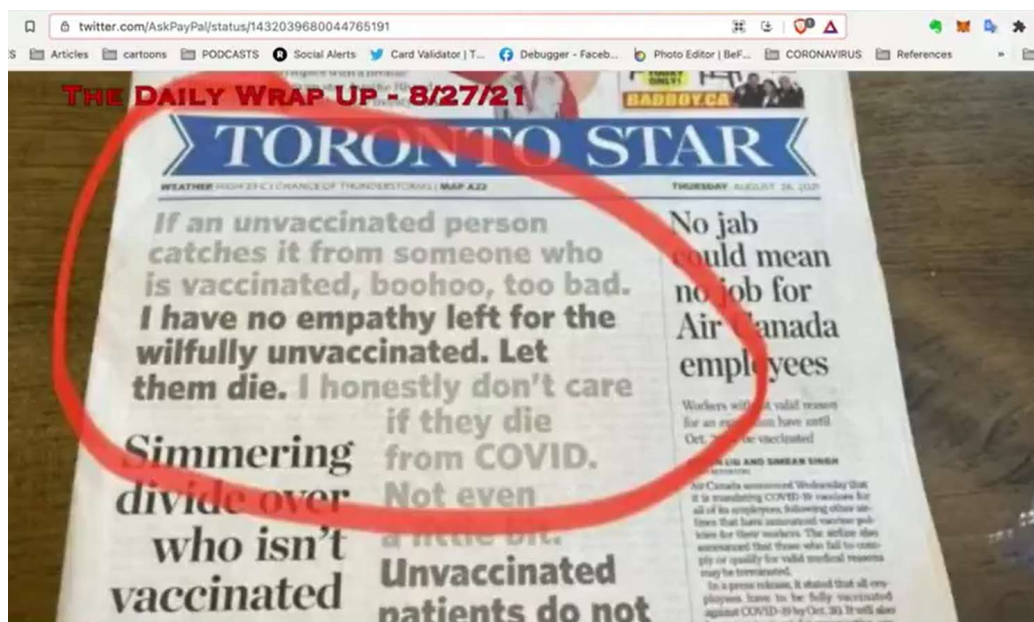
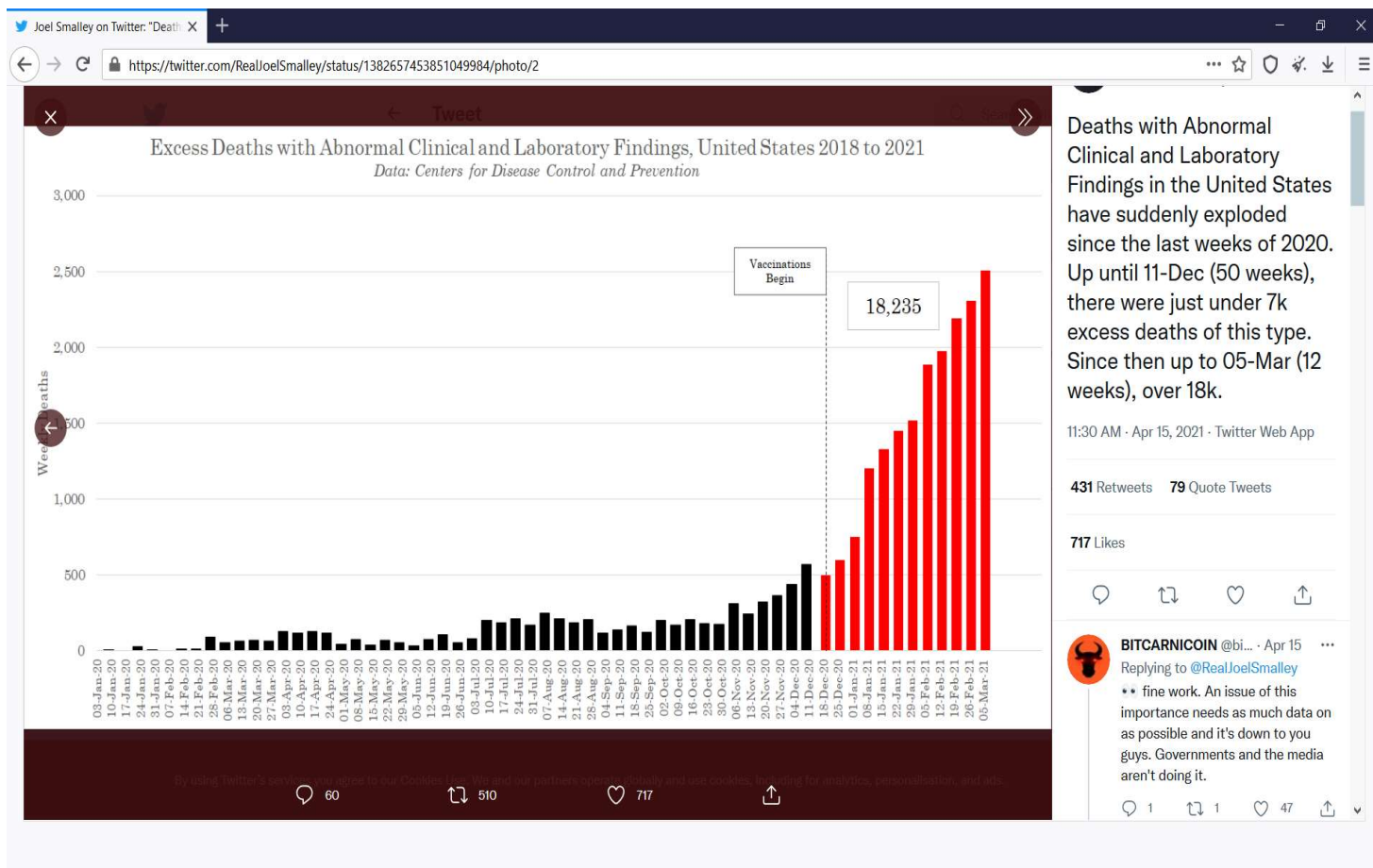
August 4th, 2021 Parents Shocked at Doctors' Treatment of Unvaccinated Football Player Before His Death

<https://www.newsweek.com/parents-shocked-doctors-treatment-unvaccinated-football-player-before-his-death-1616267>

August 6th 2021 Why has the CDC stopped collecting data on breakthrough covid cases?

<https://web.archive.org/web/20210806105415/https://www.theguardian.com/commentisfree/2021/aug/06/cdc-covid-coronavirus-data-breakthrough-cases>

“It’s difficult to answer these questions because there’s a dearth of rigorous data on breakthrough cases in the United States. The US Centers for Disease Control and Prevention (CDC) tracks only breakthrough cases that lead to hospitalization and death, which it does by gathering data from state health departments. Only 25 states report some data on breakthroughs, and only 15 of those states update it regularly, according to a recent Kaiser Family Foundation analysis of state data. Encouragingly, this data suggests that breakthrough cases among the fully vaccinated are extremely rare – well below 1% in states collecting this information. (Note that undercounts are expected, since people with breakthrough infections may not know they are sick or bother to get tested.)”



August 6th, 2021 The signs you have the delta variant are different than original COVID-19

<https://thehill.com/changing-america/well-being/prevention-cures/566706-the-signs-you-have-the-delta-variant-are/>

Allergy season: <https://www.verywellhealth.com/when-is-allergy-season-5214616>

The main symptoms of seasonal allergies are:2

- Sneezing
- [Itchy or runny nose](#)
- [Itchy, red, or watery eyes](#)
- Shortness of breath
- Wheezing and chest tightness
- Cough
- [Hives](#), which is a type of itchy, red skin rash
- Cracked skin that is dry and red

August 12st 2021 Effectiveness of Covid-19 Vaccines against the B.1.617.2 (Delta) Variant

<https://www.nejm.org/doi/pdf/10.1056/NEJMoa2108891>

August 2021 Notable Anti Vaxxers Who have Died from Covid 19

<https://web.archive.org/web/20210830212008/https://newsone.com/playlist/famous-anti-vaxxers-who-have-died-from-covid-19/>

August 11th, 2021 [German nurse accused of swapping Covid vaccines for saline](#)

<https://www.cnn.com/2021/08/11/europe/german-nurse-saline-solution-vaccine-scli-intl-grm/index.html>

August 12st 2021 Effectiveness of Covid-19 Vaccines against the B.1.617.2 (Delta) Variant

<https://www.nejm.org/doi/pdf/10.1056/NEJMoa2108891>

August 17th, 2021 French Medics Inject Tens of Patients with normal saline Instead of Pfizer Vaccine 'by Mistake'



August 17th, 2021 [Quinnipiac University to fine, cut internet for unvaxxed students](https://nypost.com/2021/08/17/quinnipiac-university-to-fine-cut-internet-for-unvaxxed-students/)

<https://nypost.com/2021/08/17/quinnipiac-university-to-fine-cut-internet-for-unvaxxed-students/>

August 18th, 2021 CDC warns of a "significant decline" in vaccine effectiveness for some, prompting booster dose decision

<https://www.cbsnews.com/news/covid-vaccine-booster-shot-cdc-effectiveness/>

“In [nursing homes](#), the effectiveness of the Pfizer and Moderna vaccines dropped to 53.1% during the surge in Delta variant cases this summer, the CDC calculated, down from 74.7%.”

August 19th, 2021 First Article on Viroliegy Website Published “The Testing Pandemic”

<https://viroliegy.com/2021/08/19/the-testing-pandemic/>

August 20th, 2021 Archdiocese of Chicago requires vaccines, denies religious exemptions

<https://www.chicagobusiness.com/health-care/archdiocese-chicago-requires-vaccines-denies-religious-exemptions>

August 20, 2021 [Pfizer's Covid Vaccine Reportedly Set For Full FDA Approval Next Week](#)

<https://www.forbes.com/sites/joewalsh/2021/08/20/pfizers-covid-vaccine-reportedly-set-for-full-fda-approval-next-week/>

August 20, 2021 Covid-19: FDA set to grant full approval to Pfizer vaccine without public discussion of data

https://ia804606.us.archive.org/20/items/covid-19-vaccine-control-group-files/2021-08-20_Covid-19-

[FDA set to grant full approval to Pfizer vaccine without public discussion of data-bmj.n2086.full.pdf](https://ia804606.us.archive.org/20/items/covid-19-vaccine-control-group-files/2021-08-20_Covid-19-FDA_set_to_grant_full_approval_to_Pfizer_vaccine_without_public_discussion_of_data-bmj.n2086.full.pdf)

August 23rd, 2021 NYC mandates vaccinations for public school teachers, staff

<https://apnews.com/article/health-education-coronavirus-pandemic-676f2a2c63b4136360f8ea3682f48287>

August 24th, 2021 **Vaccines are less protective against Delta infection but still reduce risk by two-thirds, CDC study shows**

<https://www.cnn.com/2021/08/24/health/us-coronavirus-tuesday/index.html>

“Vaccine effectiveness against Covid-19 infection dropped from 91% to 66% once the Delta variant accounted for the majority of circulating virus,”

August 26th 2021 1.6m Moderna doses withdrawn in Japan over contamination

<https://asia.nikkei.com/Spotlight/Most-read-in-2021/1.6m-Moderna-doses-withdrawn-in-Japan-over-contamination>

August 26th, 2021 Lisa Shaw: Presenter's death due to complications of Covid vaccine

<https://www.bbc.com/news/uk-england-tyne-58330796>

August 27th 2021 Calls Grow to punish doctors spreading virus misinformation

<https://www.nytimes.com/2021/08/27/technology/doctors-virus-misinformation.html>

August 28th 2021 Pfizer CEO Covid-19 vaccine-resistant variant likely to emerge

<https://www.businessinsider.com/pfizer-ceo-vaccine-resistant-coronavirus-variant-likely-2021-8?op=1>

2021 MRNA COVID vaccines dramatically increase endothelial inflammatory markers and ACS risk as measured by the PULS cardiac test: A warning

<https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1632901>

September 2021 Joe Rogan uses horse dewormer cocktail

<https://www.youtube.com/watch?v=KNTHO4tNsSQ>

September 1st 2021 **Stainless Steel Fragments Found in Moderna Vaccine Shots**

<https://www.newsweek.com/moderna-vaccine-covid-stainless-steel-fragments-1624956>

September 2nd 2021 CNN caught adding filter to Joe Rogan

<https://www.youtube.com/watch?v=-py5344oJrM>

September 16th 2021 **A Compilation Of COVID Vaccine Reactions Sept 16 2021**

<https://dn720001.ca.archive.org/0/items/compilation-of-covid-vaccine-reactions-sept-16-2021-ocr/Compilation-of-COVID-Vaccine-Reactions-Sept-16-2021-OCR.pdf>

Covid Vaccine injury Compilation

<https://ia803405.us.archive.org/31/items/cov-v-reported-injuries/Cov-V%20Reported%20Injuries.pdf>

https://archive.org/details/covid-19-vaccine-documents-and-studies/LP003-ALC-0159_material_safety_data_sheet-msds-LP003/

September 20, 2021 Vitamin D and socioeconomic deprivation mediate COVID-19 ethnic health disparities

<https://www.medrxiv.org/content/10.1101/2021.09.20.21263865v1.full.pdf>

September 21st, 2021 Fox News Airst PSA telling viewers “Get the Vaccine”

<https://thehill.com/homenews/media/564210-fox-news-airst-psa-telling-viewers-get-the-vaccine/>

September 21st 2021 [Anti-Vaccine Protesters Clash With Police In Melbourne, Australia](https://www.npr.org/2021/09/21/1039301977/anti-vaccine-protesters-clash-with-police-in-melbourne-for-the-second-straight-d)

<https://www.npr.org/2021/09/21/1039301977/anti-vaccine-protesters-clash-with-police-in-melbourne-for-the-second-straight-d>

September 2021 Environmental Health Trust – probable Carcinogen

<https://ia902902.us.archive.org/30/items/coronavir04072020facebook/5G%20Dangers/Key%20Studies%20On%20Cell%20Phone%20%26%20Wireless%20Radiation%20-%20Environmental%20Health%20Trust.pdf>

September 22nd, 2021 COVID-19 mortality risk correlates inversely with vitamin D3 status, and a mortality rate close to zero could theoretically be achieved at 50 ng/ml 25(OH)D3: Results of a systematic review and meta-analysis

<https://www.medrxiv.org/content/10.1101/2021.09.22.21263977v1.full.pdf>

September 29th, 2021 Evidence for a connection between coronavirus disease-19 and exposure to radio-frequency radiation from wireless communications including 5G

<https://www.semanticscholar.org/reader/11ed28b5df0b780006a4da5039ddbb554b36119d>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8580522/pdf/jclintranslres-2021-7-5-666.pdf>

Table 1. Bioeffects of Wireless Communication Radiation (WCR) exposure in relation to COVID-19 manifestations and their progression	
Wireless communications radiation (WCR) exposure bioeffects	COVID-19 manifestations
Blood changes Short-term: rouleaux, echinocytes Long-term: reduced blood clotting time, reduced hemoglobin, hemodynamic disorders	Blood changes Rouleaux, echinocytes Hemoglobin effects: vascular effects → Reduced hemoglobin in severe disease; autoimmune hemolytic anemia; hypoxemia and hypoxia → Endothelial injury; impaired microcirculation; hypercoagulation; disseminated intravascular coagulopathy (DIC); pulmonary embolism; stroke
Oxidative stress Glutathione level decrease; free radicals and lipid peroxide increase; superoxide dismutase activity decrease; oxidative injury in tissues and organs	Oxidative stress Glutathione level decrease; free radical increase and damage; apoptosis → Oxidative injury; organ damage in severe disease
Immune system disruption and activation Immune suppression in some studies; immune hyperactivation in other studies Long-term: suppression of T-lymphocytes; inflammatory biomarkers increased; autoimmunity; organ injury	Immune system disruption and activation Decreased production of T-lymphocytes; elevated inflammatory biomarkers → Immune hyperactivation and inflammation; cytokine storm in severe disease; cytokine-induced hypo-perfusion with resulting hypoxia; organ injury; organ failure
Increased intracellular calcium From activation of voltage-gated calcium channels on cell membranes, with numerous secondary effects	Increased intracellular calcium → Increased virus entry, replication, and release → Increased NF-κB, pro-inflammatory processes, coagulation, and thrombosis
Cardiac effects Up-regulation of sympathetic nervous system; palpitations and arrhythmias	Cardiac effects Arrhythmias → Myocarditis; myocardial ischemia; cardiac injury; cardiac failure

Supportive evidence including study details and citations are provided in the text under each subject heading, i.e., blood changes, oxidative stress, etc.

5G and Covid Lecture - <https://archive.org/details/32-5-g-and-covid-lab-values>

<p>Covid 19:</p> <p>levels of pro-inflammatory cytokines including IL-6 and</p> <ol style="list-style-type: none"> 1) IL-1β, as well as 2) IL-2, 3) T cell count decreased 4) TNF 5) C-Reactive Proteins 6) D-Dimer 7) decreased CD4⁺ and CD8⁺ 8) IgG was first detected on day 4 of illness, and its peak levels occurred in the fourth week. 9) Severe cases were more frequently found in patients with high IgG levels, compared to those who with low IgG levels 10) Decreased NK 11) higher leukocytes 	<p>Microwave:</p> <ol style="list-style-type: none"> 1) (IL-1b) 1) IL-1 2) IL-2 and INF-gamma by PBMC) 3) T-Lymphocyte decline, significant after 2 months twofold increase in IFN-g production 4) TNF-a 5) CRP 6) Fibrin? 7) Decreased CD4⁺ and CD8⁺ 8) An increase in IgG and IgA concentrations, an increased count of lymphocytes and T8 lymphocytes 9) The antibodies against the compounds studied are mostly IgM immunoglobulins; less often they belong to the IgG class; IgA antibodies were not detected 10) The EMF exposed group showed a statistically significant reduction of blood NK lymphocyte subsets in workers of TV re-transmission and satellite communication centres., a decreased count of NK 11) Increased Leukocytes cells and a lower value of T-helper/T-suppressor ratio <p>Nevertheless, the lymphocyte production of interleukin (IL)-10 increased ($p < 0.001$) by monocytes.</p>
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September 29th, 2021 The fear of Delta, more than rewards or mandates, is motivating Americans to get shots, a survey

<https://www.nytimes.com/2021/09/28/health/covid-delta-variant-vaccines-survey.html>

September 30th, 2021 CDC under fire for decision to limit tracking of Covid 19 cases in vaccinated people

<https://web.archive.org/web/20210730200546/https://www.politico.com/news/2021/07/30/pressure-cdc-breakthrough-cases-501821>



October 5th, 2021 Pfizer/BioNTech COVID-19 vaccine effectiveness drops after 6 months, study show

<https://www.reuters.com/business/healthcare-pharmaceuticals/pfizerbiontech-covid-19-vaccine-effectiveness-drops-after-6-months-study-2021-10-04/>

“effectiveness of the Pfizer Inc (PFE.N), opens new tab/BioNTech SE vaccine in preventing infection by the coronavirus dropped to 47% from 88% six months after the second dose,

according to data published on Monday that U.S. health agencies considered when deciding on the need for booster shots.”

October 6th 2021 HHS tries new tactic to increase Covid 19 vaccination rates: Fear

<https://www.cnn.com/2021/10/06/health/hhs-vaccination-ads-fear/index.html>

October 6th,2021 Scandinavians curb Moderna shots for some younger patients

<https://apnews.com/article/coronavirus-pandemic-business-denmark-public-health-health-453163d8f93618fde90c06d3474921a0>

October 8th 2021 The effect of radiofrequency electromagnetic fields (RF-EMF) on biomarkers of oxidative stress in vivo and in vitro: A protocol for a systematic review

https://web.archive.org/web/20221023223337id_/https://publications.rwth-aachen.de/record/845669/files/845669.pdf

October 10th 2021 Whistleblower Reports Nurses And Doctors Dead After Covid Jab(1)

<https://archive.org/download/whistleblower-reports-nurses-and-doctors-dead-after-covid-jab-1/Whistleblower%20reports%20Nurses%20and%20Doctors%20Dead%20after%20Covid%20Jab%281%29.ia.mp4>

October 2021 Modifiable Risk Factors for SARS-CoV-2

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8594967/pdf/imcj-20-8.pdf>

October 26th, 2021 **Noam Chomsky calls for unvaccinated to be ‘isolated’ from society in resurfaced clip**

<https://www.independent.co.uk/tv/news/noam-chomsky-calls-for-unvaccinated-to-be-isolated-from-society-b2182947.html>

November 1st 2021 How vaccinated tourists can now enter Israel: The full guide

<https://web.archive.org/web/20211101131128/https://www.timesofisrael.com/how-vaccinated-tourists-can-now-enter-israel-the-full-guide/>

November 1st 2021 Australia eases international border restrictions for first time in pandemic

<https://www.reuters.com/world/asia-pacific/australia-eases-international-border-ban-first-time-since-march-2020-2021-10-31/>

Bitchute clip

November 1st, 2021 Hospitalizations rising among fully vaccinated in U.S., Fauci says

<https://www.nbcnews.com/health/health-news/hospitalizations-rising-fully-vaccinated-us-fauci-says-rcna5907>

November 1st 2021 Study shows dramatic decline in effectiveness of all three COVID-19 vaccines over time

<https://www.latimes.com/science/story/2021-11-04/study-shows-dramatic-decline-in-effectiveness-of-covid-19-vaccines>

“As the Delta variant became the dominant strain of the coronavirus across the United States, all three COVID-19 vaccines available to Americans lost some of their protective power, with vaccine efficacy among a large group of veterans dropping **between 35% and 85%**, according to a new study.”

November 2nd, 2021 Covid-19: Researcher blows the whistle on data integrity issues in Pfizer’s vaccine trial

https://ia804606.us.archive.org/20/items/covid-19-vaccine-control-group-files/2021-11-02_Covid-19_researcher_blow_the_whistle_on_data_integrity_issues_in_Pfizer%E2%80%99s_vaccine_trial-bmj.n2635.full.pdf

November 8th, 2021 mRNA Covid Vaccines Dramatically Increased Endothelial Inflammatory Markers and ACS Risk as Measured by the PULS Cardiac Test: a Warning

<https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1632901>

November 11th Cardiologist Who Said He ‘Won’t Cry at Funeral’ For “Selfish” Unvaccinated People Suddenly Dies in His Sleep 2 Weeks After 3rd Covid Jab

https://www.thegatewaypundit.com/2021/11/cardiologist-said-wont-cry-funeral-selfish-unvaccinated-people-suddenly-dies-sleep-2-weeks-3rd-covid-jab/?utm_source=ground.news&utm_medium=referral

November 17th, 2021 Covid Delta variant offshoot ‘less likely’ to cause symptoms

<https://www.theguardian.com/world/2021/nov/18/covid-delta-variant-offshoot-less-likely-to-cause-symptoms>

November 18th 2021 Most vaccinated place on Earth told to cancel holiday plans amid ‘exponential’ rise in Covid cases

“Christmas plans have been put on ice for this place after a “drastic” Covid surge, despite its unbelievable 118 per cent vaccination rate.”

<https://www.news.com.au/world/coronavirus/global/most-vaccinated-place-on-earth-told-to-cancel-holiday-plans-amid-exponential-rise-in-covid-cases/news-story/1954572a25f48e39b7825e562129b9bc>

November 20th, 2021 COVID-19: stigmatising the unvaccinated is not justified

<https://web.archive.org/web/20211121012326/https://www.thelancet.com/action/showPdf?pii=S0140-6736%2821%2902243-1>

November 29th, 2021 EXPLAINER: What we know and don’t know about omicron variant

<https://apnews.com/article/coronavirus-new-variant-omicron-explainer-116ef818ac4a8e7bc23bb28d6511ecad>

November 2021 Electromagnetic field exposure-induced depression features could be alleviated by heat acclimation based on remodeling the gut microbiota

[https://pdf.sciencedirectassets.com/272576/1-s2.0-S0147651321X0019X/1-s2.0-S0147651321010927/main.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEND%2F%2F%2F%2F%2F%2F%2FwEaCXVzLWVhc3QtMSJGMEQCIB5Ke2fPg9ycK9UPhnJz%2B9fODemWg2s8QIk7g0%2BAuu2SAiA1H9fSscd7d949zbNckZmxDhih3xZCqaSOeyKv6eA16iqzBQgZEAUaDDA1OTAwMzU0Njg2NSIMw5nEkhUpDAYEoR54KpAFIszXoTvDRFAfquTtwqt0EYp9CdCTy5LmVY6uwm8Xqrq2dFOQ8WCGk5kjt5qBCWtZuJwFQjbZ9DDHwam%2FglUXg4UIMI3ovGTFCwu0WhEqZZW6OCZsLWca1W5snalGIMVm2de0FhJ7xEiWOBBISEPoHxpcAWHSNwyV%2BwKZDwRsMurCO7uAe1nUeao0A%2FbcRivzS1sDhjtRoDv98jkIhRj7tKrycUNnPwW%2BqevBzaXhs19wvt9c%2FiUNBeVbD](https://pdf.sciencedirectassets.com/272576/1-s2.0-S0147651321X0019X/1-s2.0-S0147651321010927/main.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEND%2F%2F%2F%2F%2F%2F%2F%2FwEaCXVzLWVhc3QtMSJGMEQCIB5Ke2fPg9ycK9UPhnJz%2B9fODemWg2s8QIk7g0%2BAuu2SAiA1H9fSscd7d949zbNckZmxDhih3xZCqaSOeyKv6eA16iqzBQgZEAUaDDA1OTAwMzU0Njg2NSIMw5nEkhUpDAYEoR54KpAFIszXoTvDRFAfquTtwqt0EYp9CdCTy5LmVY6uwm8Xqrq2dFOQ8WCGk5kjt5qBCWtZuJwFQjbZ9DDHwam%2FglUXg4UIMI3ovGTFCwu0WhEqZZW6OCZsLWca1W5snalGIMVm2de0FhJ7xEiWOBBISEPoHxpcAWHSNwyV%2BwKZDwRsMurCO7uAe1nUeao0A%2FbcRivzS1sDhjtRoDv98jkIhRj7tKrycUNnPwW%2BqevBzaXhs19wvt9c%2FiUNBeVbD)

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df-6f808e94-7b12-442a-aebd-
3fc134210078&sid=4b3bb4c975e4f24a7858a572655c0952567fgxrqa&type=client&tsoh=d3d3L
nNjaWVuY2VkaXJlY3QuY29t&ua=0f125e5156055a0d0504&rr=876e4bed19926b65&cc=us

December 8th 2021 Association Between the Consumption of Vegetables and Fermented Foods and COVID-19 Mortality at A Country Level in Europe. An Ecological Study

<https://homodec.com/index.php/iabcr/article/view/709/745>

December 8th 2021 Investigation finds 278% Increase in Worldwide Heart attacks among soccer Players in 2021 so far

<https://expose-news.com/2021/12/08/278-percent-increase-in-heart-attack-deaths-among-soccer-players/>

December 8th 2021 FDA says it Now needs 75 Years to Fully Release Pfizer Covid 19 Vaccine data

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2021-12-08_FDA_says_it_now_needs_75_years_to_fully_release_Pfizer_COVID-19_vaccine_data.pdf

December 8th 2021 Evaluating the number of unvaccinated people needed to exclude to prevent SARS-CoV-2 transmissions

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2021-12-11_evaluating_the_number_of_unvaccinated_people_needed_to_exclude_to_prevent_SARS-CoV-2_transmissions-21267162v1.full.pdf

12/16/21 THE PFIZER INOCULATIONS FOR COVID-19 MORE HARM THAN GOOD

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2021-12-16_The-COVID-19-Inoculations-More_Harm_Than_Good-REV-Dec-16-2021.pdf

12/17/21 The mRNA-LNP platform's lipid nanoparticle component used in preclinical vaccine studies is highly inflammatory

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2021-12-17_the_mRNA-LNP_platform_%E2%80%99s_lipid_nanoparticlecomponent_used_in_preclinical_vaccine_studies_is_highly_inflammatory.pdf

December 18, 2021 80% of all US dollars in existence were printed in the last 22 months (from \$4 trillion in January 2020 to \$20 trillion in October 2021)

<https://techstartups.com/2021/12/18/80-us-dollars-existence-printed-january-2020-october-2021/>

December 21st, 2021 COVID-19 vaccination: summary for immunisation providers | 21

December 2021 1 COVID-19 vaccination – summary for immunisation providers

“The TGA reports that in Australia, the current overall estimated rates (for the entire population) of myocarditis are 1.6cases per 100,000 doses for Comirnaty (Pfizer) and 2.0 cases per 100,000 doses for Spikevax (Moderna). However,

statistical analysis shows that there is more uncertainty around the reporting rate for Spikevax (likely to be between 1.4and 2.8 cases per 100,000 doses) than for Comirnaty (likely to be between 1.4 and 1.7 cases per 100,000 doses)

https://ia802503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2021-12-21_COVID-19_vaccination-summary_for_immunisation_providers-final.pdf

December 22nd 2021 California State, U.S.'s Largest Public University, Mandates Booster for Students, Staff

<https://www.newsweek.com/california-state-uss-largest-public-university-mandates-booster-students-staff-1662296>

December 23rd 2021 Frequently Asked Questions (FAQs) About the COVID-19 Vaccines

<https://web.archive.org/web/20210414105721/https://www.pennmedicine.org/coronavirus/>

COVID-19 Vaccine Prevention and Safety

[Will a vaccine prevent COVID?](#)

Based on research, it is likely that COVID-19 vaccines will prevent people from getting and spreading the virus.

Both the Pfizer-BioNtech and Moderna vaccines are showing about 95 percent efficacy in their preliminary reviews. This means people who received these vaccines in clinical trials had a 95 percent lower risk of getting COVID than people in the trial's control group who did not receive a vaccine. The Johnson & Johnson vaccine showed 72 percent efficacy in U.S. clinical trials.

[The clinical trials showed that all three vaccines were 100 percent effective at preventing hospitalizations and deaths from COVID](#)

2022 Pneumonia Data

Age-adjusted Pneumonia and Influenza										
https://www.mdc.state.mi.us/osr/deaths/Fludxs.asp										
1997	33.6	42.0	28.6	33.3	41.5	28.5	36.0	47.7	28.9	
1998	34.6	42.3	29.9	34.4	41.7	30.0	37.0	48.5	29.7	
Note: The manner in which underlying cause of death is coded and classified was revised in 1999 to reflect changing medical opinion and practice. The comparability between classification schemes for this particular cause of death is lower (0.70), meaning that caution should be taken in drawing specific inferences from comparisons of mortality statistics over time.										
1999	23.6	28.0	20.8	23.4	27.7	20.8	25.6	32.4	21.3	
2000	23.7	28.1	20.9	23.5	27.7	20.9	25.8	32.7	21.4	
2001	22.0	26.6	19.2	21.7	26.0	19.1	24.1	32.3	19.4	
2002	22.6	27.0	19.9	22.6	26.7	19.9	24.0	30.8	20.0	
2003	22.0	26.1	19.4	21.9	25.7	19.5	23.3	30.9	18.7	
2004	19.8	23.7	17.3	19.6	23.3	17.2	22.3	29.1	18.2	
2005	20.3	23.9	17.9	20.2	23.6	18.0	21.7	26.9	18.4	
2006	17.8	21.2	15.5	17.7	20.9	15.5	19.6	24.4	16.7	
2007	16.2	19.3	14.2	16.0	18.9	14.1	18.4	23.6	15.2	
2008	16.9	19.9	15.0	16.7	19.5	14.9	18.9	23.2	16.1	
2009	16.2	19.4	14.1	16.0	19.1	14.0	18.1	22.9	15.5	
2010	15.1	18.2	13.1	14.9	17.8	13.0	16.8	21.3	14.1	
2011	15.7	18.8	13.7	15.6	18.6	13.7	16.8	20.6	14.6	
2012	14.4	17.3	12.5	14.3	17.0	12.5	15.7	19.8	13.3	
2013	15.9	18.6	14.0	15.8	18.3	14.0	16.7	20.8	14.2	
2014	15.1	17.8	13.2	15.1	17.6	13.3	16.1	20.0	13.7	
2015	15.2	17.7	13.5	15.2	17.4	13.6	15.9	19.8	13.3	
2016	13.5	15.9	11.8	13.4	15.5	11.8	15.0	18.9	12.7	
2017	14.3	16.5	12.7	14.2	16.3	12.7	14.9	18.0	12.8	
2018	14.9	17.3	13.1	14.8	17.1	13.2	15.8	19.2	13.5	
2019	12.3	14.4	10.7	12.3	14.3	10.8	13.4	16.3	11.4	
2020	13.0	15.8	11.0	12.8	15.3	10.9	16.8	21.5	13.6	
2021	10.5	13.0	8.7	10.4	12.7	8.6	13.1	16.6	10.6	
2022 ^P	11.9	14.1	10.2	11.9	14.0	10.3	13.2	16.6	10.9	
Note: Age-adjusted death rates are based on age-specific death rates per 100,000 population in specified group. Age-adjusted death rates are computed by the direct method, using as the standard population the age distribution of the total population of the United States for the year 2000.										
* A rate is not calculated when there are fewer than 20 events because the width of the confidence interval would negate any usefulness for comparative purposes.										

December 23rd, 2021 Booster protection wanes against symptomatic Omicron infections, British data suggests.

<https://www.nytimes.com/2021/12/23/health/booster-protection-omicron.html>

made by Pfizer and Moderna, was 60 percent effective at preventing symptomatic disease two to four weeks after the shot. After 10 weeks, however, the Pfizer booster was just 35 percent effective. The Moderna booster was 45 percent effective at up to nine weeks. (The AstraZeneca vaccine is not authorized in the United States, but the Johnson & Johnson shot uses a similar technology.)

For people who were given three Pfizer doses, vaccine effectiveness dropped from 70 percent one week after the booster to 45 percent after 10 weeks. Pfizer recipients who received a Moderna booster, on the other hand, seemed to fare better; their vaccine regimen remained up to 75 percent effective at up to nine weeks.

““I do think it’s premature, at least on the part of the United States, to be talking about a fourth dose,” he said. Israel is weighing whether to give a fourth shot to its citizens.”

December 29th, 2021 As Omicron Spreads, Officials Ponder What It Means to Be ‘Fully Vaccinated’

<https://web.archive.org/web/20211230001137/https://www.nytimes.com/2021/12/29/health/covid-vaccinations-boosters.html>

FDA Risk benefit assessment

1 hr 33 minutes lecture 9 → <https://archive.org/details/vaccine-9>

January 1st, 2022 Effectiveness of COVID-19 vaccines against Omicron or Delta infection

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2022-01-01_effectiveness_of_COVID-19_vaccines_against_Omikron_or_Delta_infection-21268565v1.full.pdf

January 12th, 2022 These Charts Show That COVID-19 is Still the Pandemic of the Unvaccinated

<https://time.com/6138566/pandemic-of-unvaccinated/>

January 18th, 2022 Fourth vaccine dose boosts antibodies, researchers say, but likely not enough to prevent Omicron breakthrough infections

<https://edition.cnn.com/2022/01/17/health/israel-fourth-dose-early-data/index.html>

January 19th, 2022 Covid-19 vaccines and treatments: we must have raw data, now

https://ia902503.us.archive.org/18/items/covid-19-vaccine-documents-and-studies/2022-01-19_COVID-19_vaccines_and_treatments-we_must_have_the_raw_data%2C_now-bmj.o102.full.pdf

January 24th, 2022 Unvaccinated 28 year old in Denial of Covid Diagnosis Dies after Ripping off Oxygen Mask

<https://www.newsweek.com/unvaccinated-28-year-old-denial-covid-diagnosis-dies-after-ripping-off-oxygen-mask-1672332>

January 31st, 2022 3-Year-Old Reportedly Denied Heart Treatment Because Parents Were Unvaccinated

<https://www.newsweek.com/3-year-old-reportedly-denied-heart-treatment-because-parents-were-unvaccinated-1674707>

2022 Connecting Government to the Future with 5G Private Wireless

<https://www.fedinsider.com/connecting-govt-to-the-future-with-5g-private-wireless/>

“The 5G opportunity is high on the list of intriguing new initiatives for IT leaders in the federal, state, and public education space. But many public sector leaders are still trying to learn how to get started with 5G technologies and understand the best use”

February 22nd 2022 CDC withholding Covid Data over fears of misinterpretation

<https://web.archive.org/web/20220222150949/https://nypost.com/2022/02/22/cdc-withholding-covid-data-over-fears-of-misinterpretation/>

March 18th 2022 CDC removes 24% of Child Covid 19 Deaths, thousands of others

April 6th, 2022 Mesa Biotech, Inc., Recalls Certain Accula SARS-CoV-2 Tests for Risk of False Positives Caused by Contamination

<https://web.archive.org/web/20220509151012/https://www.fda.gov/medical-devices/medical-device-recalls/mesa-biotech-inc-recalls-certain-accula-sars-cov-2-tests-risk-false-positives-caused-contamination>

April 20th 2022 Interleukin-6 blocking therapy for COVID-19: From immune pathogenesis to clinical outcomes

<https://www.degruyter.com/document/doi/10.2478/rir-2022-0002/pdf?licenseType=open-access>

May 5th 2022 **U.S. limits use of J&J's COVID-19 vaccine for adults on blood clot risks**

<https://web.archive.org/web/20220505220958/https://www.reuters.com/business/healthcare-pharmaceuticals/us-limits-use-jjs-covid-19-vaccine-adults-blood-clot-risks-2022-05-05/>

May 20th 2021 Circulating Severe Acute Respiratory Syndrome Coronavirus (Sars Cov 2) Vaccine Antigen Detected in the Plasma of mRNA 1273 Vaccine recipients

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8241425/pdf/ciab465.pdf>

May 2022 Public support for unequal treatment of unvaccinated citizens: Evidence from Denmark

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9158390/pdf/main.pdf>

But COVID-19 can cause symptoms you may not expect, including:

- **Digestive symptoms.** COVID-19 might cause nausea, vomiting or diarrhea — either alone or with other COVID-19 symptoms. Digestive symptoms sometimes develop before a fever and respiratory symptoms.
-
- **Loss of smell or taste.** A new loss of smell or taste — without a stuffy nose — is a common early symptom of COVID-19. Research suggests that most changes in smell and taste often resolve in 30 days. In some people, however, moderate to severe changes in smell and taste can last 60 days or more.
- **Skin changes.** The most common skin changes linked with mild to severe COVID-19 include a flat rash covered with small bumps, discolored areas on the fingers and toes (COVID toes), and hives.

COVID toes appear to be more common in children and young adults. Swelling or discoloration can develop on one or several toes or fingers. The hands, wrists or ankles also can be affected. Blisters, itchiness, rough skin, or painful bumps can occur. A small amount of pus might develop under the skin. The symptoms can last 10 to 14 days or for months.

Useful Link for many papers post 2021-2023

https://archive.org/details/covid-19-vaccine-documents-and-studies/LP003-ALC-0159_material_safety_data_sheet-msds-LP003/

<https://archive.org/details/covid-19-vaccine-documents-and-studies/0000-SOA-Pfizer-Brazil-Agreement-day5-6-French-Traduction/>

<https://archive.org/details/COVID-19-Vaccines/Astra%20Zeneca%20Vaccine%20Trial%20PIIS0140673620326611/>

June 11th, 2022 Unusual Covid Symptoms

<https://www.mayoclinic.org/diseases-conditions/coronavirus/expert-answers/coronavirus-unusual-symptoms/faq-20487367>

What are some of the unusual symptoms of COVID-19?

Answer From Daniel C. DeSimone, M.D.

Coronavirus disease 2019 (COVID-19) can cause a wide range of signs and symptoms. The most common are fever, cough and tiredness.

Other symptoms include:

- Shortness of breath or difficulty breathing
- Muscle aches
- Chills
- Sore throat
- Runny nose
- Headache
- Chest pain

However, swollen, discolored fingers or toes could also be chilblains, an inflammatory skin condition. Chilblains develop in response to repeated exposure to cold air.

- **Confusion.** Severe confusion (delirium) might be the main or only symptom of COVID-19 in older people. This COVID-19 symptom is linked with a high risk of poor outcomes, including death.
- **Eye problems.** Pink eye (conjunctivitis) can be a COVID-19 symptom. Research suggests that the most common eye problems linked to COVID-19 are light sensitivity, sore eyes and itchy eyes.

June 17th 2022 The US printed more than \$3 trillion in 2020 alone. Here's why it matters today

<https://www.depledgeswm.com/depledge/the-us-printed-more-than-3-trillion-in-2020-alone-heres-why-it-matters-today/>

August 2022 **Half of People With Omicron Don't Know They're Infected, Study Says**
<https://time.com/6206640/covid-19-omicron-asymptomatic-infection/>

September 2021 Nature Tangled history of mRNA vaccines Environmental Health Trust – probable Carcinogen

<https://ia902902.us.archive.org/30/items/corovirus04072020facebook/5G%20Dangers/Key%20Studies%20On%20Cell%20Phone%20%26%20Wireless%20Radiation%20-%20Environmental%20Health%20Trust.pdf>

August 2022 "I Would Never Push a Vaccine on You": A Qualitative Study of Social Norms and Pressure in Vaccine Behavior in the U.S

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9502292/pdf/vaccines-10-01402.pdf>

“We find significantly (both statistically and substantively) higher support for restrictive policies when targeted exclusively toward the unvaccinated, which we interpret as support for unequal treatment of this group. We also uncover strong polarization in these preferences between the vaccinated and the unvaccinated, but a much more limited role for trust and severity of the pandemic”

August 23rd, 2022 Major morbidity and mortality associated with delays to emergent surgery in children: a risk-adjusted analysis

<https://web.archive.org/web/20240415192424/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10027761/pdf/066E123.pdf>

“after adjustment for risk level, multivariate analysis showed delay to surgery to be associated with 85%

increased odds of morbidity and/or mortality (adjusted odds ratio 1.85”

August 2022 Elective surgeries during and after the COVID-19 pandemic: Case burden and physician shortage concerns

<https://web.archive.org/web/20240123015118/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9388274/pdf/main.pdf>

“Brazil, the elective surgical backlog has surpassed 900,000 cases by December 2020 [12]. According to the

COVIDSurg Collaborative study, 37.7% of cancer surgeries were affected [7]. Other than oncological surgeries, other specialties have also been

affected. In the United States, up to 71.8% of live donor kidney transplants were completely suspended while over two-thirds of live donor

liver transplants were completely suspended [13]. More than a 50% drop in cardiac surgical volume was observed at 2 the busiest cardiac

surgical programs in Maryland after full restrictions were implemented by the ACS in response to the pandemic [14]. Another study projected a

cumulative backlog of more than 1 million joint and spinal surgical cases in the United States by May 2022 [15]. In urology, there was an 89.6%

reduction in elective surgeries during April 2020 in Brazil”

“Stage I melanoma, ovarian cancer, and pediatric osteosarcoma [17]. Decreased survival was also associated

with surgical delays of >3 months in patients with hepatocellular cancer and 40 days in colorectal cancer [18]. A 3-month delay to surgery across

all stage 1–3 cancers has shown to cause more than 4700 attributable deaths per year in England while a 6-month delay could cause more than

10000 attributable deaths per year [19]. A French study observed a mean 43-days postponement period for scheduled pancreatic adeno-

carcinoma surgeries, with a major switch from upfront surgery to waiting for neoadjuvant chemotherapy in patients with the respectable

disease [20]. More frequent metastasis discoveries during surgery (13% compared to 2.2% before the pandemic) were reported [19]. Delaying

elective surgeries even for benign conditions could be risky, causing a significant impact on patients’ health [20]. In a Spanish study among pending cases for elective cardiac invasive procedures during the pandemic, the mortality at 45 days due to cancellation was 1.7%,

whereas 8.3% of the patients had to undergo an urgent procedure due to clinical destabilization [21]”

September 10th 2022 Elective Operations Delay and Emergency Department Visits and Inpatient Admissions during COVID-19

<https://web.archive.org/web/20220713211742/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9272689/pdf/main.pdf>

“Results: Only 4 out of 197 (2.0%) operations among 4 patients out of 186 patients (2.0%) had an ED visit or IP admission diagnosis related to the postponed operation.

When comparing the two groups, the 4 patients were older and had a longer median delay time compared to the 186 patients without an ED visit or IP admission.

Conclusion: Postponement of certain elective operations may be done with minimal risk to the patient during times of crisis. However, this minimal risk may be due to the studysite’s selection of elective operations to postpone. For example, none of the elective operations canceled or postponed were cardiovascular operations,

April 2023 Ex-Harvard Chemist Charles Lieber Spared Additional Prison Time, Will Serve 6 Months House Arrest

<https://www.thecrimson.com/article/2023/4/26/professor-lieber-sentencing/>

September 9th, 2022 Waning of vaccine effectiveness against moderate and severe covid-19 among adults in the US from the VISION network: test negative, case-control study

<https://www.bmj.com/content/bmj/379/bmj-2022-072141.full.pdf>

September 22nd 2022 Median Age of Covid Death is Median Age of death anyway

<https://swprs.org/studies-on-covid-19-lethality/#age>

1) Median age of covid deaths per country

Half of all deaths were below, half were above the median age.

Country	Median age	Source
Australia	82 years	DOH
Austria	82 years	EMS
Belgium	86 years	IBS
Brazil	70 years	MDX
Canada	86 years	HCSC
England	82 years	NHS
France	84 years	SPF
Germany	83 years	RKI
Italy	82 years	ISS
South Africa	62 years	SAC

September 28th 2022 The association between vaccination status identification and societal polarization

<https://www.nature.com/articles/s41562-022-01469-6.pdf>

October 6th 2022 Autoimmune and Autoinflammatory Connective Tissue Disorders
Following COVID-19

https://watermark.silverchair.com/lim_2023_oi_231041_1695845422.44832.pdf?token=AQECAHi208BE49Ooan9kkhW_Ercy7Dm3ZL_9Cf3qfKAc485ysgAAAY8wggMrBgkqhkiG9w0BBwagggMcMIIDGAIBADCCAxEGCSqGSIb3DQEHATAeBgIghkgBZQMEAS4wEQQMYNeF9do7AXh6rzfQAgEQgIIC4rNaFFRtWfKtZhrss6y-L70uOr_B_vOfU0dpZdxmbr6s_Zrf2sbRca_C3sjDGN-s8DebWT4YnIIQILl-IH_MwUixBMZ0KEncN2cagM4gEcw2T4NHf32m2YUQIdImUIEHm04_TsjVhvkgyA0n_nW6stjmFIMpqwcT8PwFIZinjB3pi-h8LWOfKLkYCgwWaUAeutRUBwnDD0cLuyKxb96c87SjZ5EzKCqoRY_1trV1JyR6PM1MQeJxX7HsOSsETbrOY1xTtNJBfs8NAK1fcDFPN4Ps-IOxYljOsPUD1L2fu80yeOwZ9mDIP7BI19UheN0E_s0wK3LsnoJWYVSHUFM2tw1Rtq_JTrNX7GYzg8imVaLzOb13utnjS1sDK61pYgjNDGU6wePhFSRHhlLteVl3HAbEQQTa6GS07tISJ0vsCHnWMKyhXax0EHvFycgrQj_eDbob6BqVVccm74tn6B2jmsgcFOvH5YIIVx9CPOA4Y5b-rMMBCg0hsaGEHXxuySGOpRSRsmYSQ_MoPDeLnPYBTOTwPuvo0z7aOlPnrSoobqF6Hkn9HSxn7aHVmLuM_1jNc8TnRT-0USie2kfJ_c20hNcSsKzhvIWpngM60aFPGa8IUpERqW_ZdUfyRfciRJ_KyndLbSiZ1kNaf_tEaGSHupHURpApIh6cV3p4plpdzhe8qvifBNH0SkYzcYhMvC_kfgALkaxwFPnyMztrwl1DHQfBvAQLOLRr3-jszu8F3I6pD01AbXoXqvKiBrmqjBsKPR5LSRUU5NwRoyjqDYoeEEKgJ4Hmr5tkyDkXYRlfCK-WxXqwqd6AI4Nuv87tWYv_kWXC9Ec1mzb4Gz8FM5o7QH1eB3cIWwQmKlPnzYkqBHApohGw8FSBpRGcwt6irh_SRgKWL9scxcxCUHrlSeC-MwmN5PkktM627yA40rJIwWY815UVVyFNION3_jtZZSY38q3qdh_Goy7Y-zGmgsO-3yj3Hhg

October 20th, 2022 The COVID-19 Pandemic and Youth Suicide: 2020–2021

https://publications.aap.org/pediatrics/article-pdf/151/3/e2022058716/1565131/peds_2022058716.pdf

November 8th, 2022 Victorians' Covid contact tracing data sent for potential use by data mining platform

<https://www.theguardian.com/australia-news/2022/nov/09/victorians-covid-contact-tracing-data-sent-to-authority-for-potential-use-by-palantir>

November 22nd 2022 **Autoimmune skin disorders and SARS-CoV-2 vaccination – a meta-analysis**

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/ddg.15114>

November 23rd, 2022 Are the unvaccinated still a danger to the rest of us?

<https://www.latimes.com/science/story/2022-11-03/are-the-unvaccinated-still-a-danger-to-the-rest-of-us-covid>

November 23rd, 2022 Covid is no longer mainly a pandemic of the unvaccinated. Here's why.

<https://www.washingtonpost.com/politics/2022/11/23/vaccinated-people-now-make-up-majority-covid-deaths/>

December 8th 2022 Discriminatory attitudes against unvaccinated people during the pandemic

<https://www.nature.com/articles/s41586-022-05607-y.pdf>

“Previous research on the psychology of cooperation has shown that individuals react negatively against perceived ‘free-riders’ 6,7, including in the

domain of vaccinations8,9. Consistent with this, we find that contributors to the public good of epidemic control (that is, vaccinated individuals) react with discriminatory

attitudes towards perceived free-riders (that is, unvaccinated individuals). National leaders and vaccinated members of the public appealed to moral obligations to

increase COVID-19 vaccine uptake10,11 , but our findings suggest that discriminatory attitudes—including support for the removal of fundamental rights—simultaneously

emerged”

December 15th, 2022 C.D.C. Virus Tests Were Contaminated and Poorly Designed, Agency Says

<https://web.archive.org/web/20211215193721/https://www.nytimes.com/2021/12/15/health/cdc-covid-tests-contaminated.html>

December 19th, 2022 **The Precarious Transition of Unvaccinated Service Members**

<https://www.rand.org/pubs/commentary/2022/12/the-precious-transition-of-unvaccinated-service-members.html>

2023 60 bills to increase wireless infrastructure

<https://web.archive.org/web/20240216025125/https://ehtrust.org/congress/>

January 1st, 2023 Remdesivir-Associated Acute Liver Failure in a COVID-19 Patient: A Case Report and Literature Review

https://assets.cureus.com/uploads/case_report/pdf/134417/20230225-25383-1gaa4o0.pdf

March 1st 2023 The COVID-19 Pandemic and Youth Suicide: 2020-2021

<https://publications.aap.org/pediatrics/article-lookup/doi/10.1542/peds.2022-058716>

May 5th 2023 US FDA recalls over 500,000 Covid tests over bacteria risk

<https://www.bbc.com/news/world-us-canada-65503664>

May 9th, 2023 Which COVID-19 Home Test Is Being Recalled? 44 Lot Codes Are on the FDA's List

<https://www.goodhousekeeping.com/health/a43829354/covid-test-recall-fda-pilot-list/>

July 13th 2023 Calcium, Phosphorus and Magnesium Abnormalities Associated with COVID-19 Infection, and Beyond

<https://www.mdpi.com/2227-9059/11/9/2362/pdf?version=1692862472>

2022 Estimation of Serum Calcium on the Severity and Mortality in COVID-19 Infections in Sulaymaniyah City, Kurdistan Region of Iraq: A Cross-Sectional Study

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9777466/pdf/clinpract-12-00103.pdf>

August 16th 2023 Can Electromagnetic Fields Modulate Inflammation and Cell Death by Acting on the Immune System?

<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10229142>

Direct to important work of Joseph Pizzorno

<https://pubmed.ncbi.nlm.nih.gov/?term=Joseph+Pizzorno&size=200>

July 14th 2023 Changes in US Hospital Financial Performance During the COVID-19 Public Health Emergency

<https://jamanetwork.com/journals/jama-health-forum/fullarticle/2807183>

The total number of hospitals, 720 (16.3%) of hospitals had PHE financial distress, whereas 2047 (46.3%) had PHE financial distress after excluding COVID-19 relief funding (meaning 62.6% would have been in financial distress without Covid money) from net operating income. The majority of hospitals (n = 3337; 74.8%) had a positive net operating income across 2020/2021, with 785 (17.8%) hospitals moving from a negative pre-2020 to a positive 2020/2021 net operating income

August 29th, 2023 Sweden during the Pandemic :Pariah or Paragon?

<https://www.cato.org/sites/cato.org/files/2023-08/policy-analysis-959-no-link.pdf>

October 2023 Forensic Analysis of the 38 Subject Deaths in the 6- Month Interim Report of the Pfizer/BioNTech BNT162b2 mRNA Vaccine Clinical Trial

<https://pdfs.semanticscholar.org/1d79/a14307e35646b8fd9209fc8a17e12d2d6ca9.pdf>

October 2023 Cardiac side effects of RNA-based SARS-CoV-2 vaccines: Hidden cardiotoxic effects of mRNA-1273 and BNT162b2 on ventricular myocyte function and structure

https://blog.fdik.org/2023-10/British_J_Pharmacology_-_2023_-_Schreckenber_-_Cardiac_side_effects_of_RNA%E2%80%90based_SARS%E2%80%90CoV%E2%80%90vaccines_Hidden_cardiotoxic.pdf

November 8th, 2023 Risk of Coronavirus Disease 2019 (COVID-19) among those up-to-date and not up-to-date on COVID-19 vaccination by US CDC criteria

<https://web.archive.org/web/20240404175136/https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10631626/pdf/pone.0293449.pdf>

“Results

COVID-19 occurred in 1475 (3%) of 48 344 employees during the 100-day study period.

The cumulative incidence of COVID-19 was lower in the “not up-to-date” than the “up-to-date” state.”

January 2024 The National Toxicology Program of the National Institute of Environmental Health Sciences announced it will no longer study the effects of radio frequency radiation; yet, head and neck tumors associated with cell phone use have increased in the U.S. since 2000.

<https://www.saferemr.com/2024/01/breaking-news.html>

February 12th, 2024 Fact Check: Preventing transmission never required for COVID vaccines’ initial approval; Pfizer vax did reduce transmission of early variants

<https://www.reuters.com/fact-check/preventing-transmission-never-required-covid-vaccines-initial-approval-pfizer-2024-02-12/>

2023 November 23rd Cardiac side effects of RNA-based SARS-CoV-2 vaccines: Hidden cardiotoxic effects of mRNA-1273 and BNT162b2 on ventricular myocyte function and structure

[https://blog.fdik.org/2023-10/British_J_Pharmacology - 2023 - Schreckenber -
_Cardiac_side_effects_of_RNA%E2%80%90based_SARS%E2%80%90CoV
%E2%80%90vaccines_Hidden_cardiotoxic.pdf](https://blog.fdik.org/2023-10/British_J_Pharmacology_-_2023_-_Schreckenber_-_Cardiac_side_effects_of_RNA%E2%80%90based_SARS%E2%80%90CoV%E2%80%90vaccines_Hidden_cardiotoxic.pdf)

Fauci Finally Admits Vaccine Mandates did more Harm than Good

<https://www.dailymail.co.uk/health/article-12012061/Fauci-FINALLY-admits-Covid-vaccine-mandates-did-harm-good.html>

[https://s1.nyt.com/timesmachine/pages/1/1986/11/15/034786_360W.png?
quality=75&auto=webp&disable=upscale](https://s1.nyt.com/timesmachine/pages/1/1986/11/15/034786_360W.png?quality=75&auto=webp&disable=upscale)

Archive Lectures that would be useful:

PCR test long version Part 1: <https://archive.org/details/4.-pt-1-pcr-long-version>

Lock Downs Treatments Deaths: https://archive.org/details/9-and-10.-lockdowns-deaths-treatments_202303

Bill Gates Lecture Part 1: <https://archive.org/details/48.-gates-1>

Lectures on Vaccine Part 1: <https://archive.org/details/1.-vaccine-part-1>

Virus Isolation Part 1: <https://archive.org/details/1.-isolation-1>

Isolation of Covid virus Part 1: <https://archive.org/details/8.-covid-isolation-1>

Spanish Flu Part 1: <https://archive.org/details/frequency-9>

Mask Part 1 <https://archive.org/details/7.-masks-part-1>

5G and Covid Connection Part 1: <https://archive.org/details/frequency-27-covid-5-g-part-1-untitled>

Summary of EMF, Vitamin D, and Covid

There is a notable association between vitamin D level and severity of disease “Covid” diagnosis

Higher death rates in Black people relative to the rest of the population who chronically tend to have lower vitamin D

Homeless shelter finding 147 cases of asymptomatic Covid from group of people that regularly get sunlight

From an epidemiological stand point we observe higher Covid rates/Fatalities in areas with chronically low vitamin D levels historically

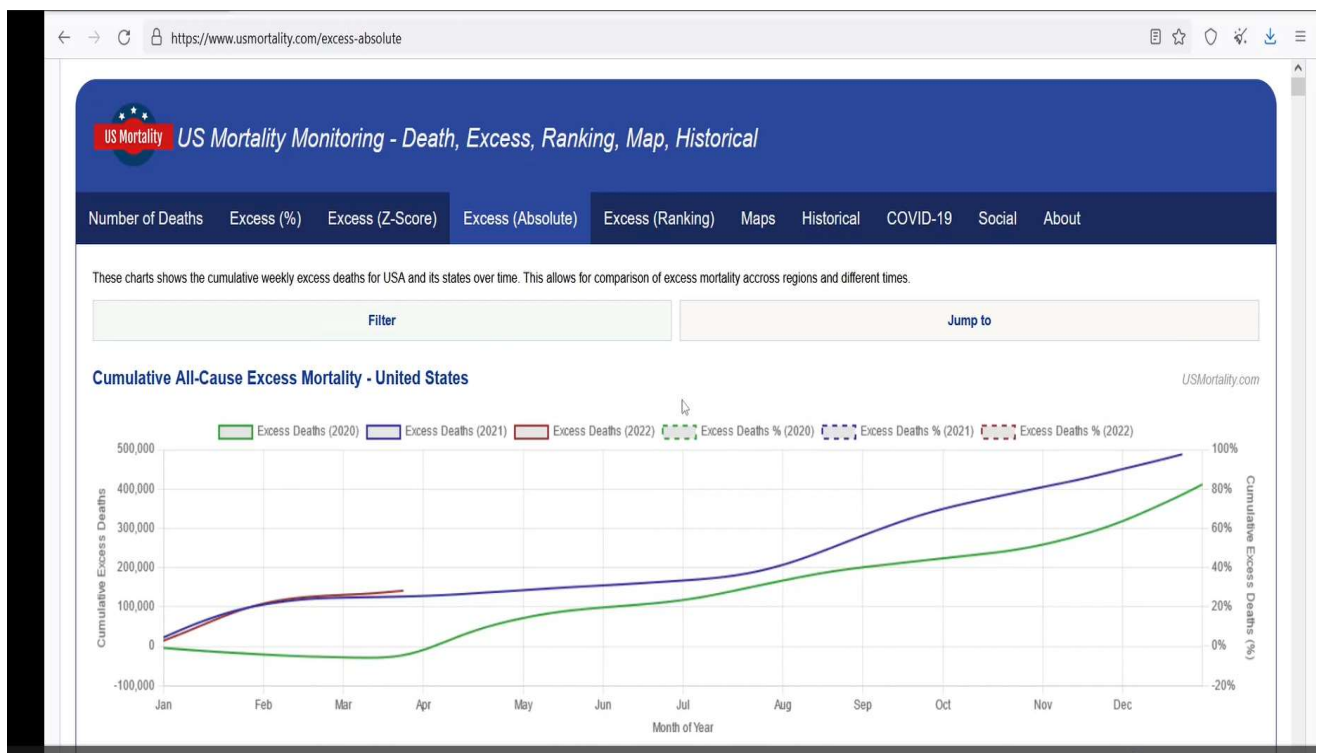
All people in ICU under 75 years of age in small study had Vitamin D insufficiency

Low vitamin D levels have been associated with autoimmune diseases and systemic inflammatory conditions

Millimeter wave exposure can induce impaired hormones (testosterone, FSH, and LH) which is mitigated by vitamin D supplementation

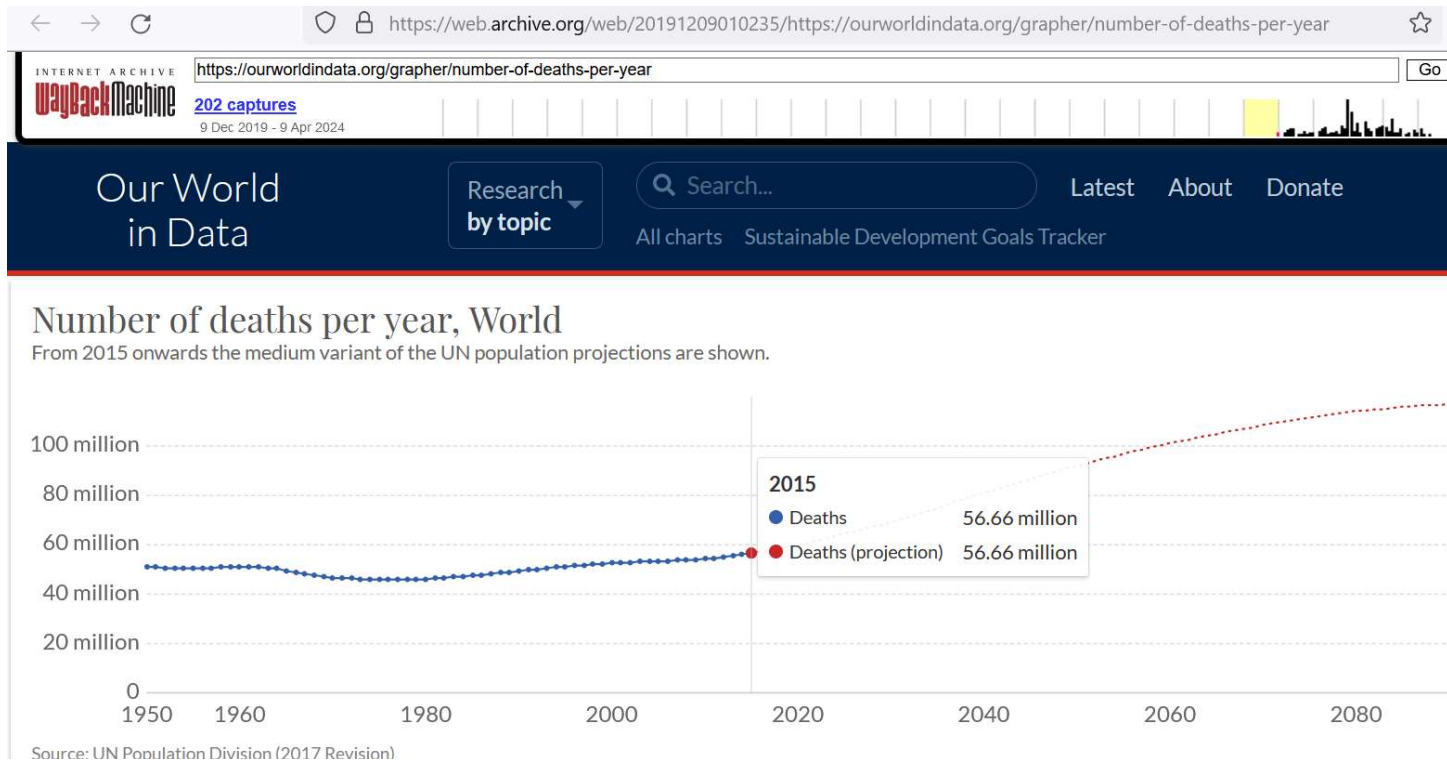
Millimeter wave exposure can induce impaired immune markers and increased white blood cell counts, once again which can be reversed by vitamin D supplementation

And we have a plausible mechanism for why vitamin D synthesis would be impaired by millimeter wave exposure as it acts on the skin, which synthesizes vitamin D and it resonates with the structure identified as being Vitamin D Receptor (specifically at 6 GHz)

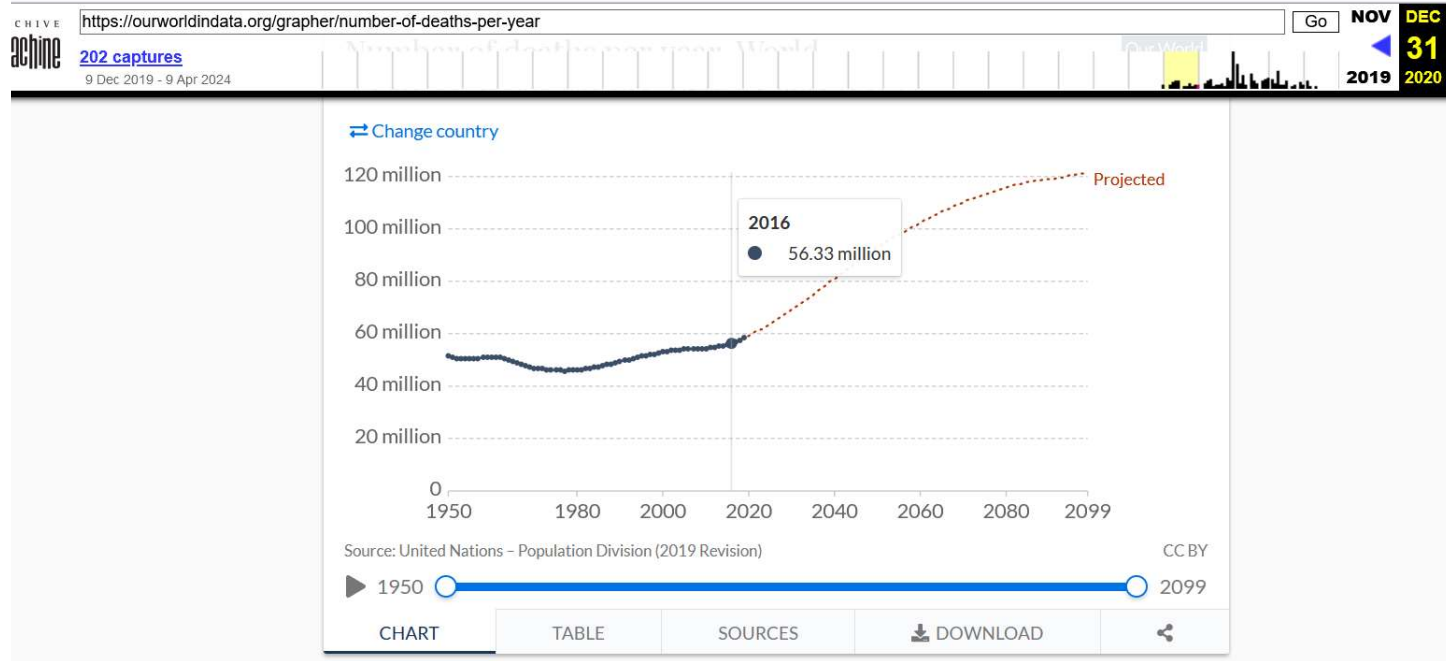


<https://web.archive.org/web/20220618090904/https://www.usmortality.com/excess-absolute>

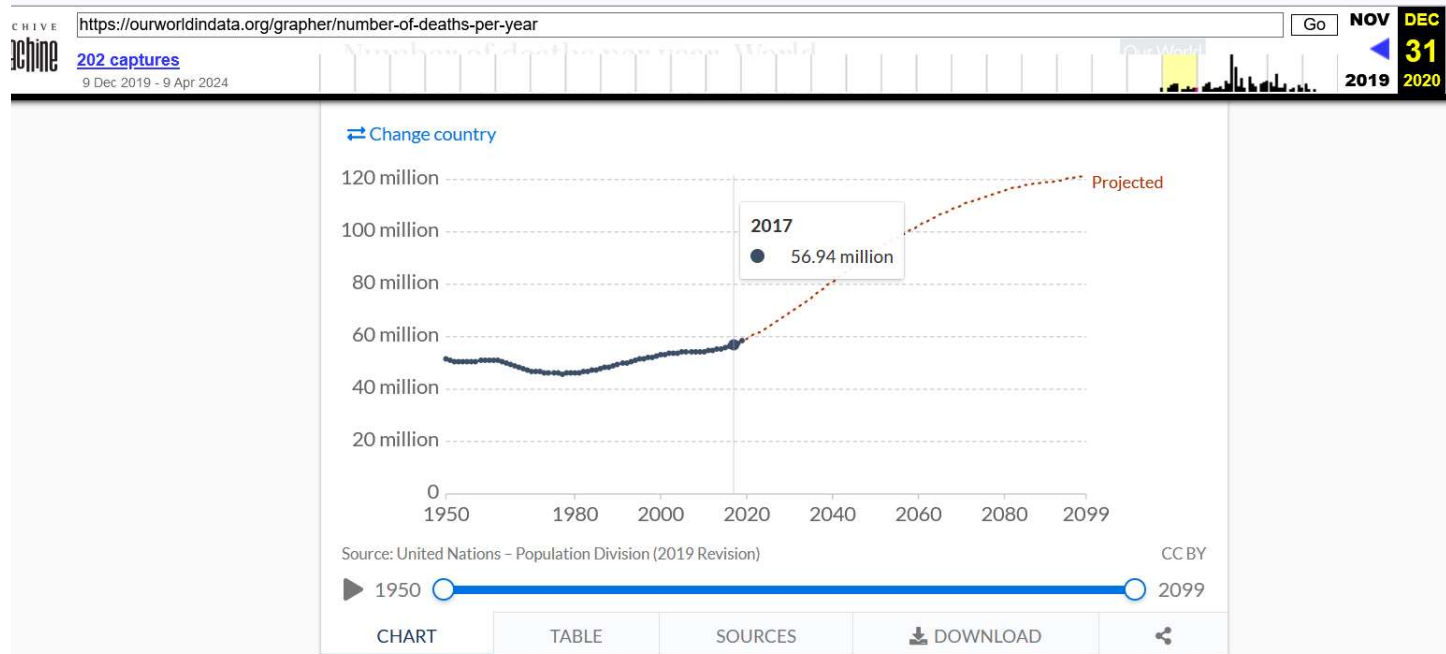
<https://ourworldindata.org/grapher/number-of-deaths-per-year>



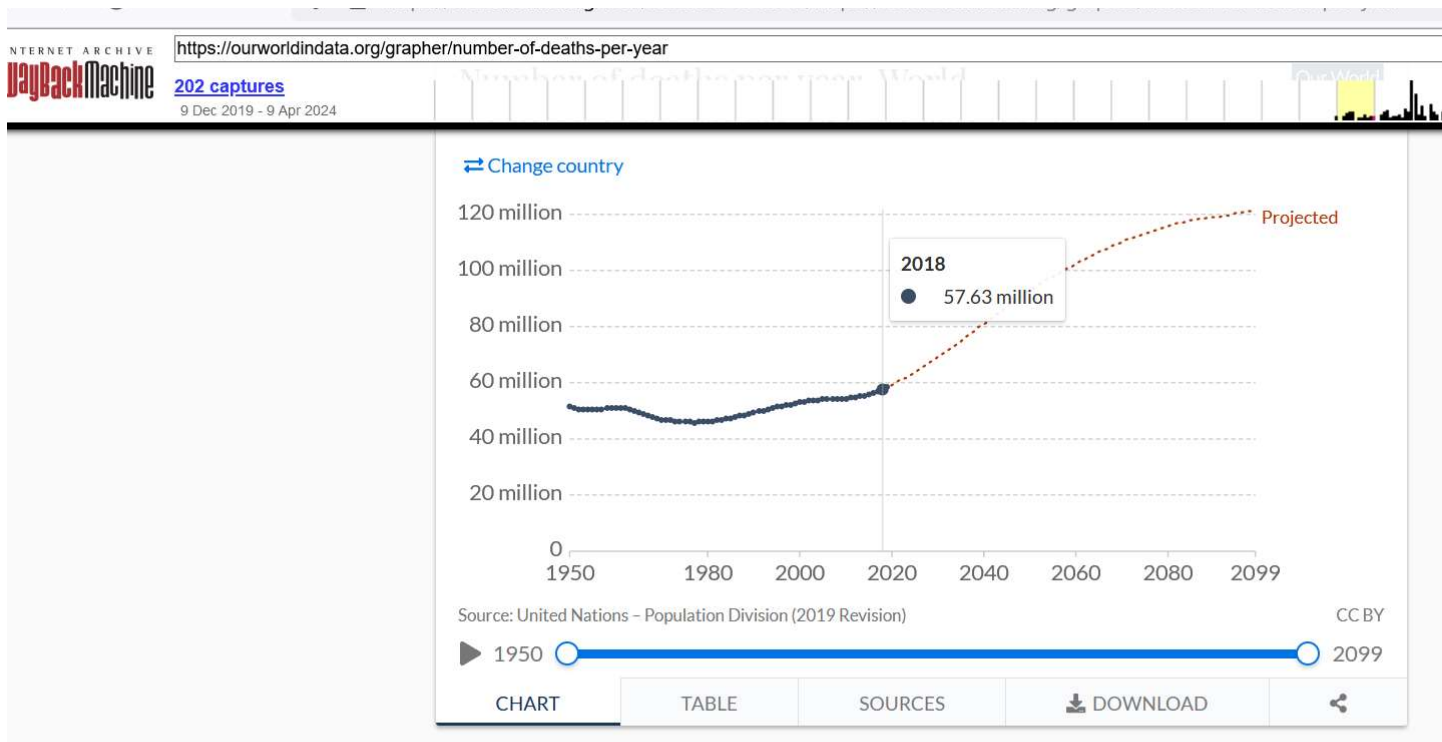
2016 death



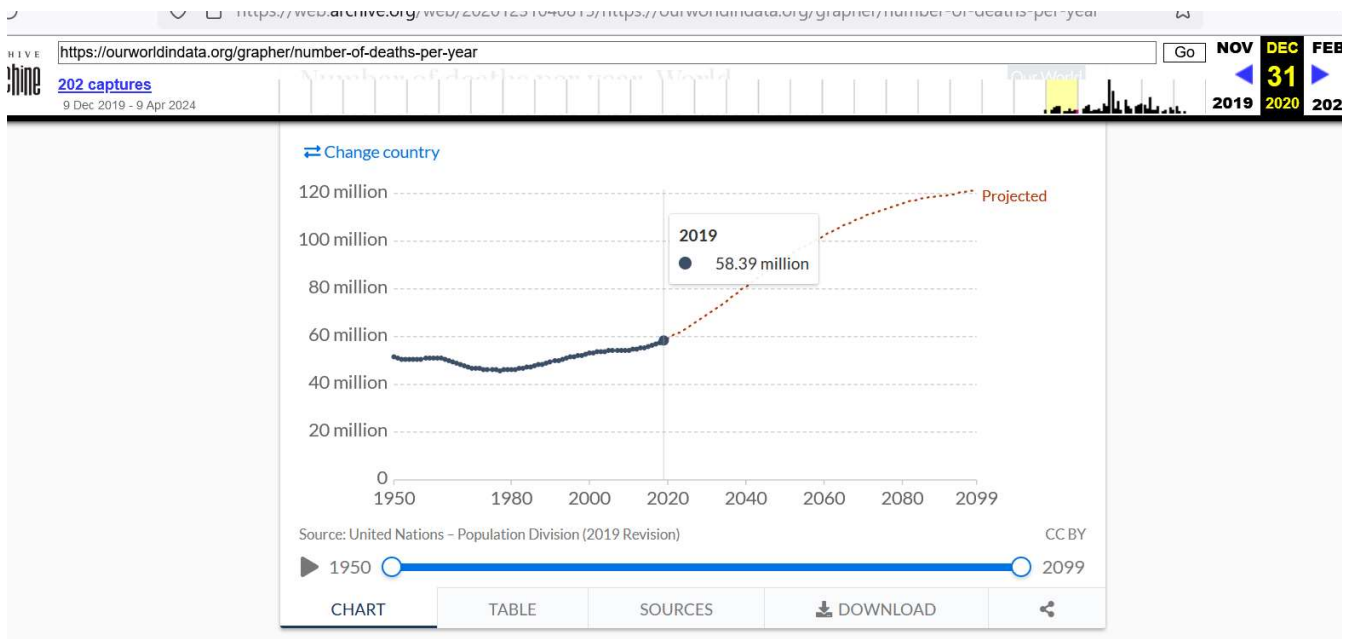
2017 deaths



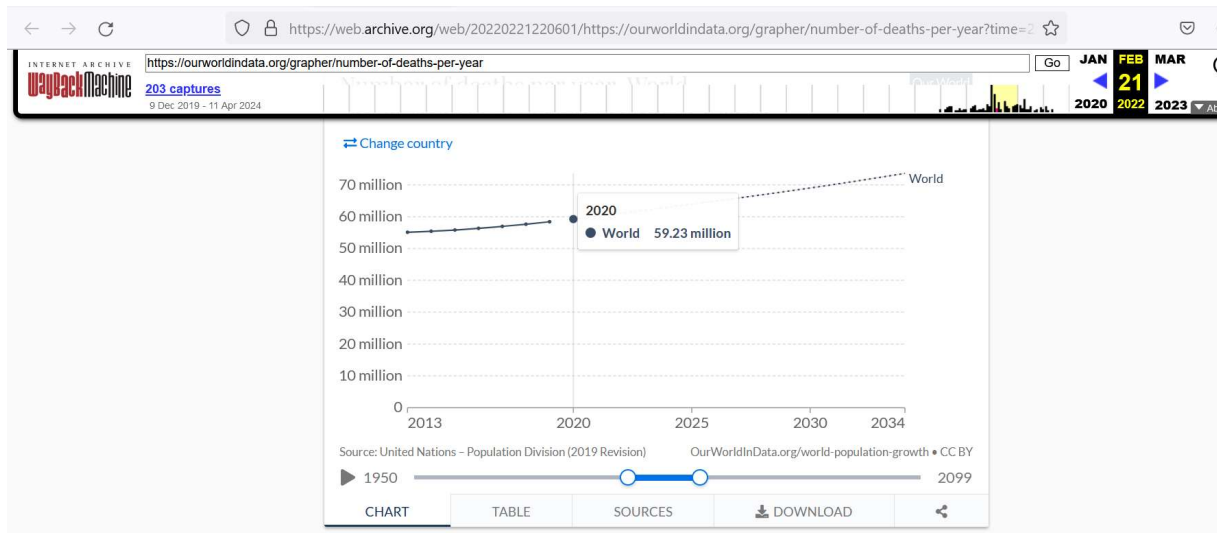
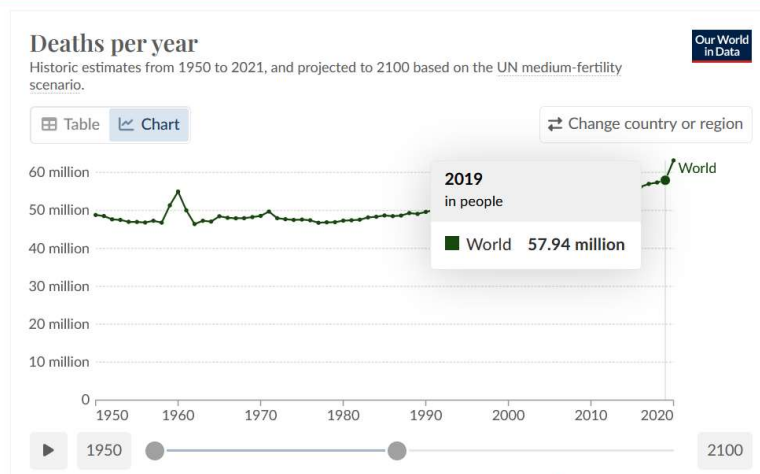
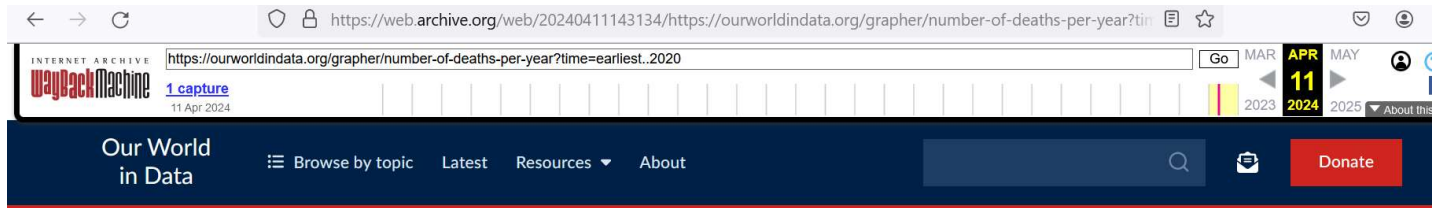
2018 deaths



2019 deaths



<https://web.archive.org/web/20201231040815/https://ourworldindata.org/grapher/number-of-deaths-per-year>

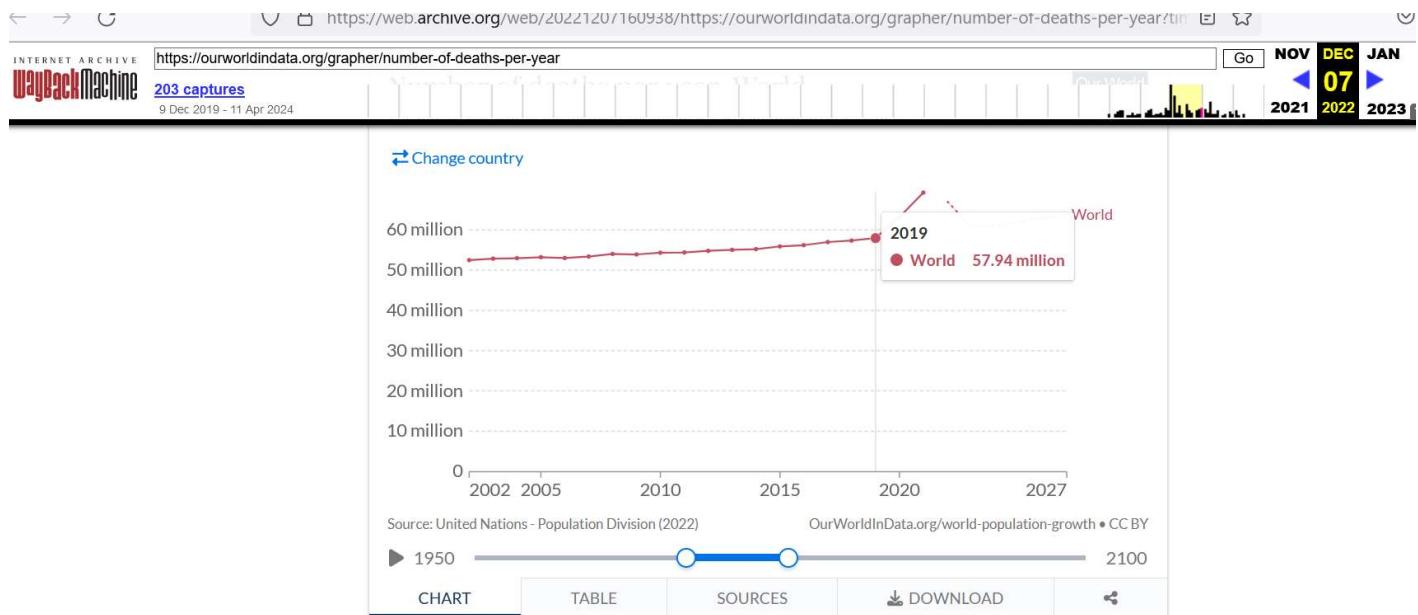


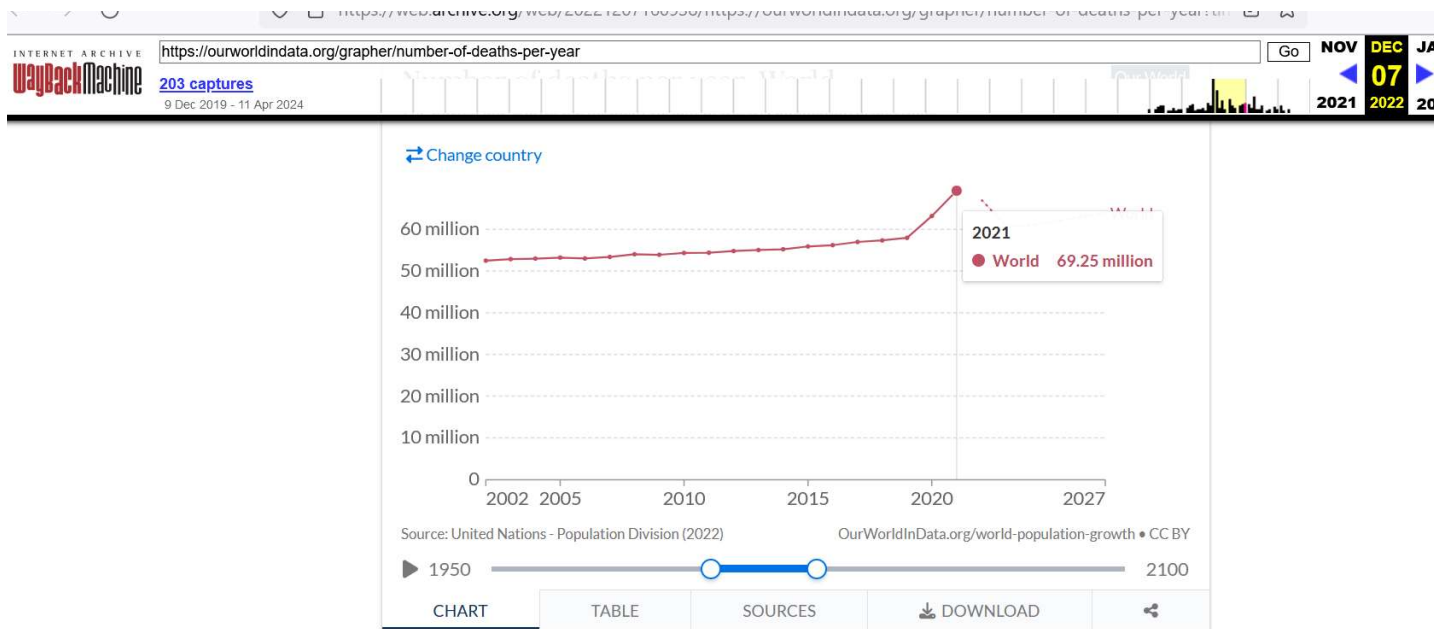
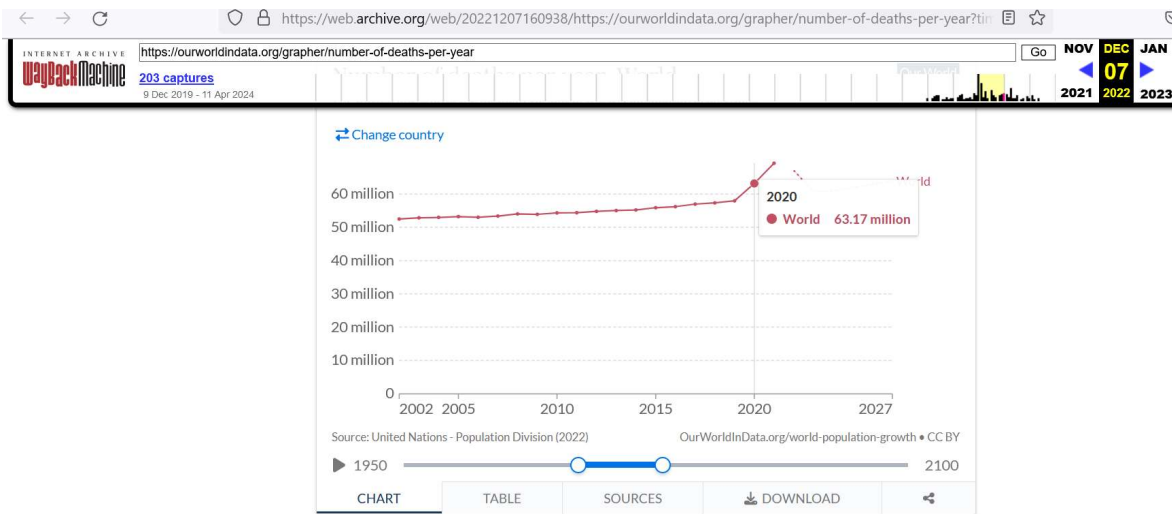
58.39 million to 57.94 million deaths per year adjusted for 2019

59.23 million projected versus 63.17 million

840,000 versus 5.23 million Versus 4.78 million

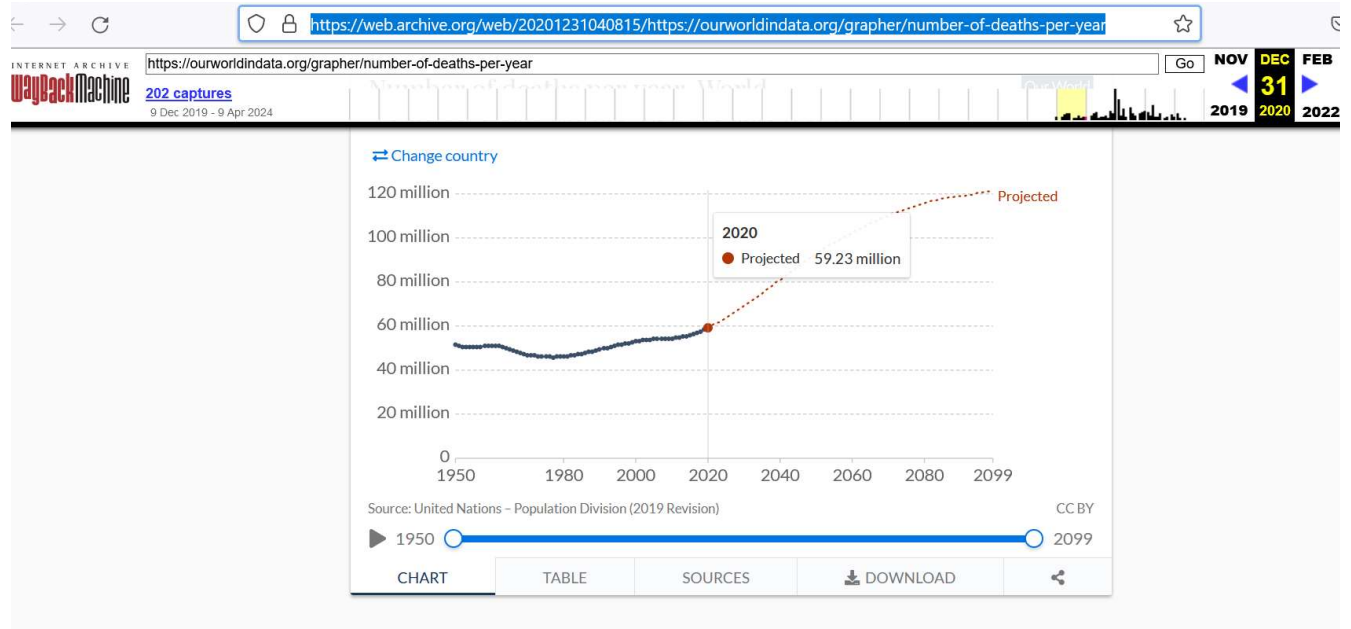
So 450,000 more deaths but adjusting 2019 numbers





2020 deaths

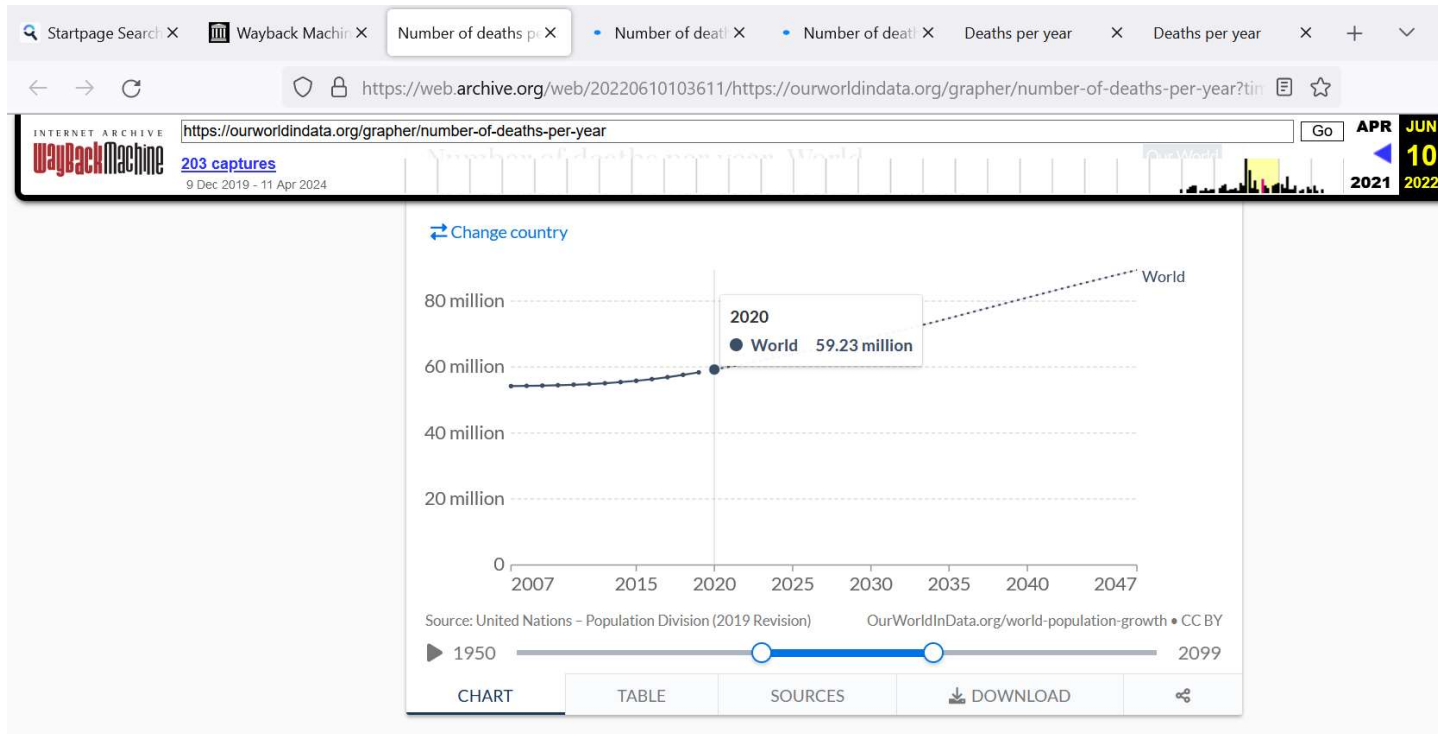
<https://web.archive.org/web/20201231040815/https://ourworldindata.org/grapher/number-of-deaths-per-year>



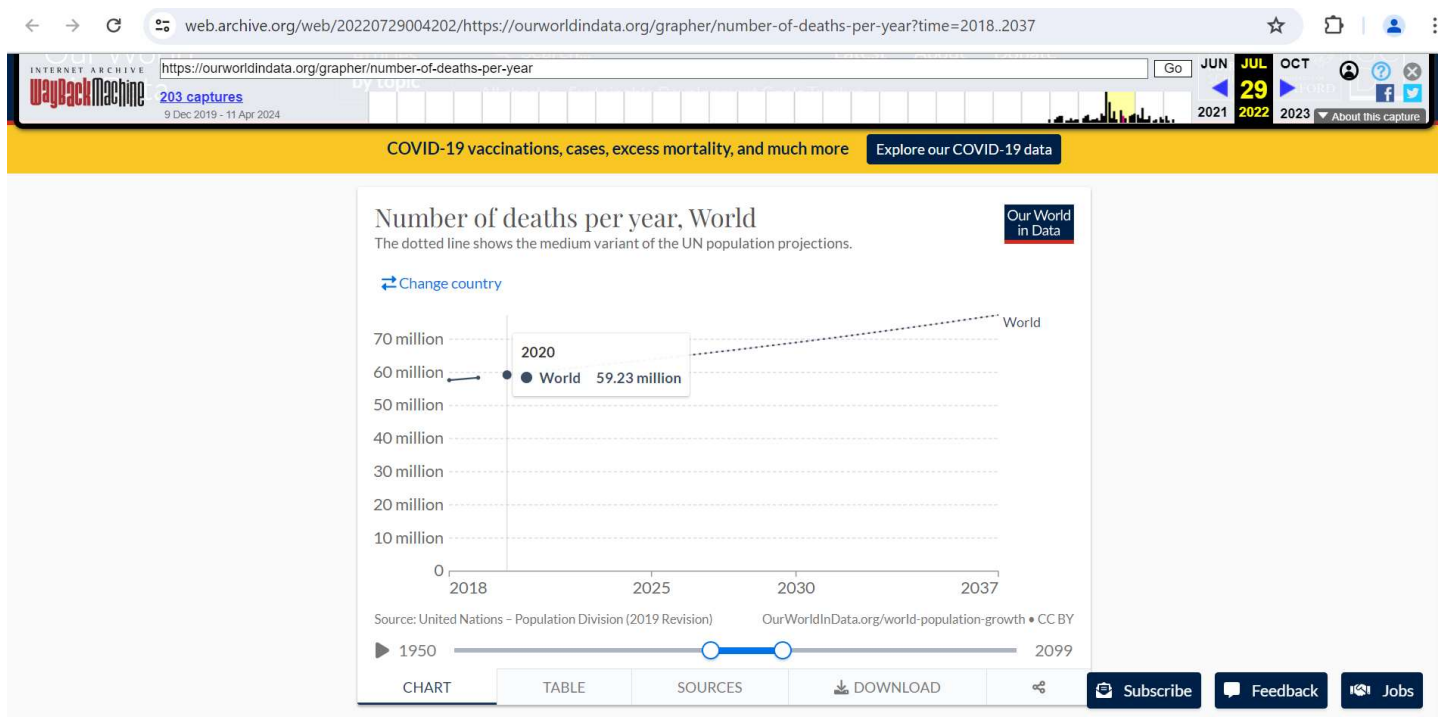
2021 deaths



<https://web.archive.org/web/20211216183112/https://ourworldindata.org/grapher/number-of-deaths-per-year?time=2021>

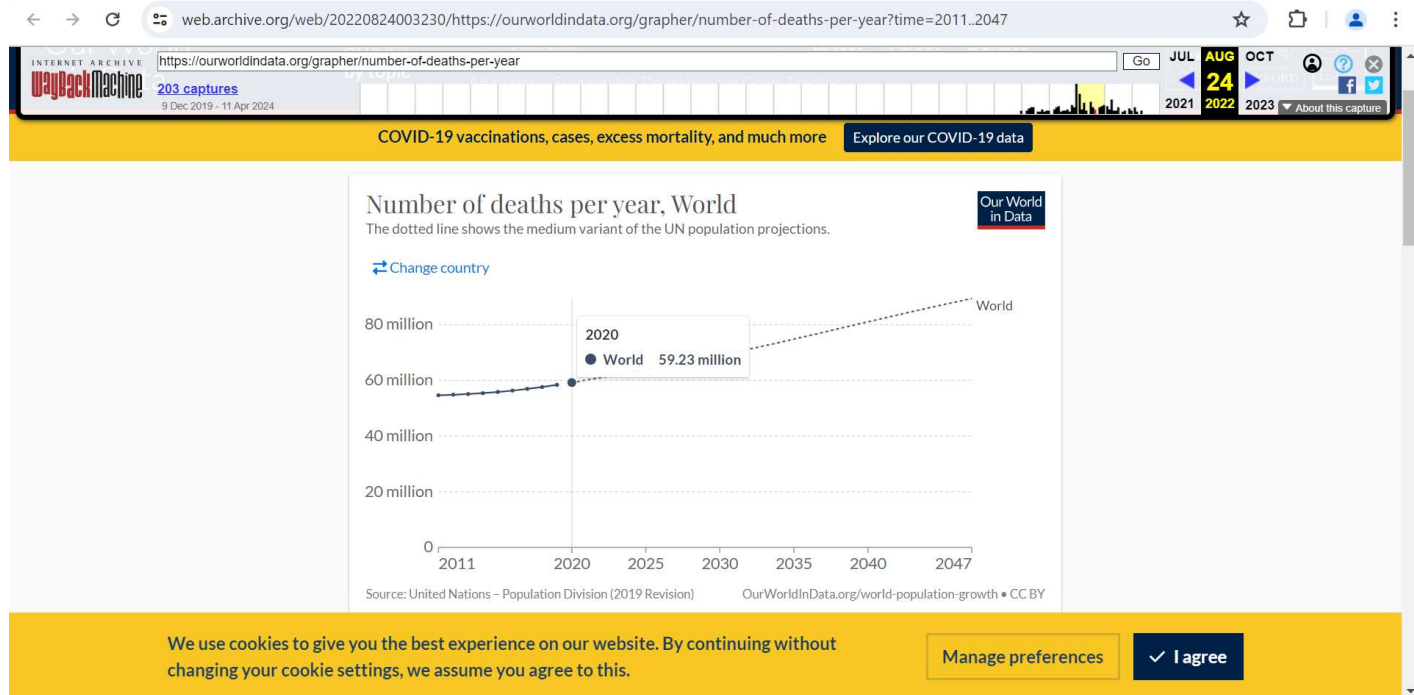


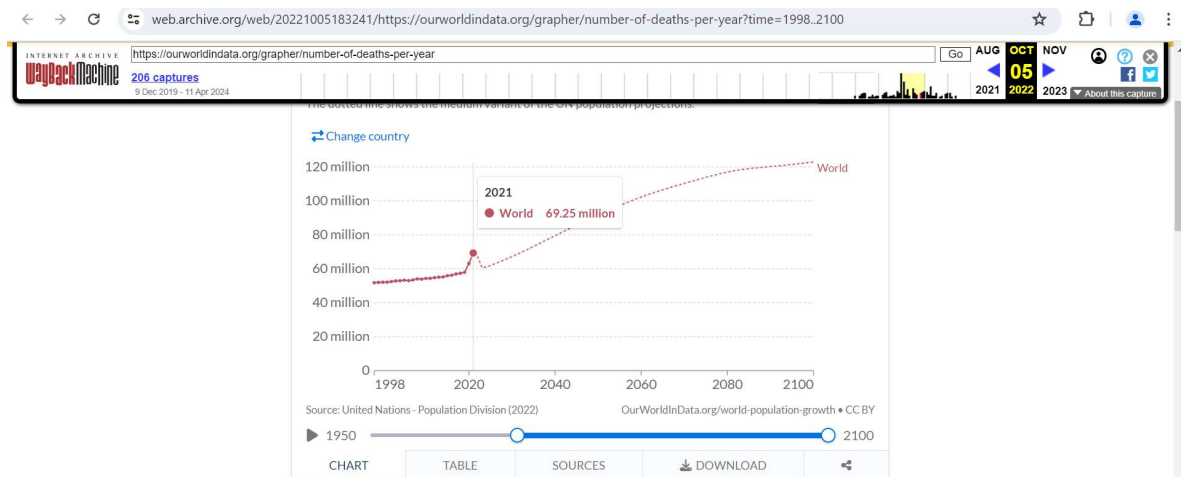
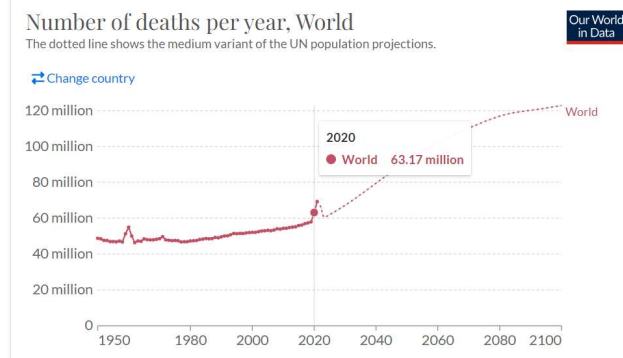
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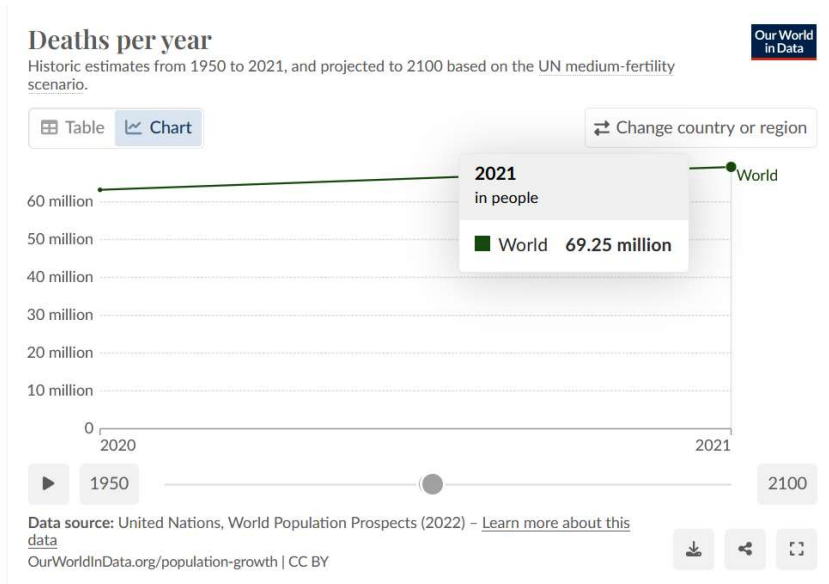
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<https://web.archive.org/web/20220824003230/https://ourworldindata.org/grapher/number-of-deaths-per-year?time=2011..2047>





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